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SEMI-MONTHLY HONEY REPORT - NO. 441

INFORMATION FROM PRODUCING AREAS (Last half of September)
(Prices generally refer to sales by beekeepers f.o.b. shipping
points except as otherwise noted.)

CALIFORNIA POINTS:

Southern California. The weather has been generally clear, with considerable night and early morning fog near the coast line, and with thunder showers reported in occasional areas. Temperatures are above normal. Bees are working on blue curl, which is in full bloom, but the growth is below normal due to lack of moisture. A few beekeepers are moving to the high altitudes for late bloom on squaw buckwheat. Coldenrod is beginning to bloom. Colonies are reported normal, with winter stores of honey and pollen exceeding those of the past three years. Honey prices have been firm to stronger, with demand moderate to light, and export demand very light. Comparatively little honey remains now in the hands of the beekeepers. Sales reported by beekeepers in ton lots or more, per lb. f.o.b. Southern California delivery points: Orange, Extra White to Water White 6 $\frac{3}{4}$ ¢, White 6 $\frac{1}{4}$ -6 $\frac{1}{2}$ ¢, Light Amber 6¢; Buckwheat-Sage, Extra Light Amber 5 $\frac{1}{2}$ -5 $\frac{3}{4}$ ¢, Light Amber 5 $\frac{1}{2}$ -5 $\frac{5}{8}$ ¢. The beeswax market is firm, with beekeepers receiving 20-22¢ per lb. delivered Los Angeles.

Imperial Valley. Bees are in good condition, with sufficient honey for winter. Bees are being moved away from areas planted to fall peas to escape the arsenical dust that will be used on them a little later. Sales reported of 2 carloads of Light Amber Alfalfa at 5 $\frac{1}{2}$ ¢ per lb.

Central California. Temperatures have been above normal, with rainfall limited to thunder storms in the mountains. Colonies are in good condition for winter with plenty of stores and young bees. Some colonies are still being moved to cotton and blue curl locations, and blue curl is reported yielding better than normally. Sunflower, wireweed and alfalfa are yielding nectar and pollen. The market for honey continues firm with prices somewhat higher, as stock lessens, but with few sales as beekeepers are generally holding for higher prices. Sales reported f.o.b. Southern California delivery points- Buckwheat-Sage, Extra Light Amber 5 $\frac{1}{2}$ -5 $\frac{3}{4}$ ¢, Light Amber 5 $\frac{1}{2}$ -5 $\frac{5}{8}$ ¢. Sales f.o.b. Central California delivery points, per lb.- Extra White Cotton 5 $\frac{1}{2}$ ¢ per lb.; Alfalfa-Bean and Alfalfa-Cotton, Light Amber to Extra Light Amber 4 $\frac{7}{8}$ -5 $\frac{3}{8}$ ¢; Amber to Light Amber Mixed Flowers 4-4 $\frac{1}{4}$ ¢.

Northern California. Here, too, temperatures were above normal, both along the Coast and in the interior valleys. Star Thistle generally dried up early, though following the September rainfall some plants now appear to be in better shape. Bees are still working on golden fleece, blue curl, wild buckwheat, oak and eucalyptus, and occasional other plants, and have stored an exceptionally heavy supply of pollen. Trading was chiefly limited to Star Thistle honey, with darker grades in light supply. Sales by beekeepers in ton lots or more f.o.b. shipping points: Star Thistle, White 6¢, Extra Light Amber 5 $\frac{3}{4}$ -5 $\frac{7}{8}$ ¢ per lb., some sales Extra Light Amber to White 5 $\frac{3}{4}$ -6¢, Light Amber to Extra Light Amber 5 $\frac{1}{4}$ -5 $\frac{1}{2}$ ¢; Light Amber Thistle and Mixed Flowers 4 $\frac{3}{4}$ -5¢; Amber Mixed Flowers 5¢ per lb. Beeswax is fully firm at 21-23¢ per lb. f.o.b. Central and Northern California delivery points, but with a limited volume of trading.

PACIFIC NORTHWEST:

West of Cascades. Dry weather has been prevalent and honey plants are in need of rain. The fireweed crop was short and many beekeepers are holding Fireweed honey for higher prices. In the Fireweed section in Western Washington bees are in only fair condition. Though broodnests are fairly well filled, stores are not adequate. In the Willamette Valley, where a crop of 100 pounds to the colony is reported, blackberry and raspberry patches have an abundance of new canes and a great deal of vetch is being planted for hay. The market is stronger with demand good. Sales reported of Light Amber Fireweed at 6-6 $\frac{1}{2}$ ¢ per lb., one large lot good quality White Fireweed 8¢ delivered Seattle. Sales delivered Portland in ton lots, per lb., Fireweed 6 $\frac{1}{2}$ -7¢, mostly 7¢; Alfalfa-Sweet Clover 6 $\frac{1}{4}$ -6 $\frac{1}{2}$ ¢; Mixed Flowers 5 $\frac{1}{2}$ -6 $\frac{1}{2}$ ¢; Light Amber Mixed Clover and Raspberry mostly around 6¢ per lb. Beekeepers are receiving 26¢ per lb. for beeswax delivered Portland, with little moving.

East of Cascades. In the Yakima Valley frosts have now killed most of the tender vegetation, but bees are still making a living on various fall flowers. The market prices are advancing and comb honey as well as extracted is in demand, with little comb available. Sales reported Light Amber to White Alfalfa and Sweet Clover, 60s 5 $\frac{3}{4}$ -6 $\frac{1}{2}$ ¢, small pails 8¢ per lb. In Unatilla Valley wild buckwheat and rabbit brush are still furnishing a little nectar and pollen, though not as much as anticipated. Bees should go into winter in unusually good condition, and honey plants look good for next year. A surplus of 80-85 pounds to the colony, principally from Alfalfa and Sweet Clover, is reported. Sales reported of White Alfalfa at 6¢ per lb. at nearby delivery points, with other sales at 6¢ per lb. f.o.b. shipping points, with cans returned.

INTERMOUNTAIN REGION:

The movement of honey to market has been exceptionally heavy, with more activity reported in some sections than ever before at this season of the year. Some beekeepers, however, report little inquiry and few sales in their immediate sections. The market is firm and some price advances have occurred. Beekeepers who have not already sold are now generally holding for further price advances. Carlot sales reported Sweet Clover-Alfalfa, Water White $6\frac{1}{2}\phi$, Extra White $6\frac{1}{4}\phi$, several cars of Extra White to Water White 6 - $6\frac{3}{8}\phi$, a large number of cars White at $5\frac{1}{2}\phi$, many with cans returned; ton lots and less White to Water White 5-6 ϕ , mostly $5\frac{1}{2}$ -6 ϕ ; small pails, 5-9 ϕ , mostly 7-8 ϕ ; Extra Light Amber ton lots $5\frac{1}{4}$ - $5\frac{1}{2}\phi$. Comb honey is in good demand and is selling, mostly unwrapped, as follows: Extra Fancy and No. 1 \$3.00-3.25, few up to \$3.50; Fancy \$2.65-2.75, few \$3.00, Choice 12-oz. \$2.45-2.65, 11-oz. \$2.30-2.50; Commercial, 12-oz. \$2.15-\$2.25 per case. Beeswax is in good demand and selling at 18-22 ϕ per lb. Details by States follow:

Colorado: Heavy snows fell toward the close in the western part of the State, amounting to 15 inches in the San Luis Valley, with rains in Eastern Colorado. The outlook for sweet clover plants next year is promising in Western Colorado, where yields of good quality honey were above normal and where bees are going into winter quarters in good shape. Feeding will be necessary in many apiaries in Eastern and especially in Northeastern Colorado, where colonies generally are in poor condition. However, in the Arkansas Valley more pollen has been taken in and stores are of much better quality than for several years past, following a flow better than at first anticipated. More late broodrearing has been reported than in the average year. Considerable honey reported sold to tourists from roadside stands.

Wyoming. Heavy snow reported in the Platte Valley and in most of the mountain areas, which was helpful for next year's honey plants. Bees are reported in excellent condition. A good crop has been taken off except around Sheridan, and some beekeepers report a bumper crop.

Montana. Honey is still being extracted. The crop of honey, which was short except in the western part of the State, has been helped out by the late fall flow. Colonies are generally heavy in stores and strong in bees and are in good shape for winter. Killing frosts have now occurred over all sections except southeastern Montana. Rain has fallen; but more moisture is needed to place honey plants in good condition.

Idaho. Bees are being prepared for winter but are generally reported in satisfactory condition. Heavy frosts have occurred, but little precipitation has fallen. Some queenless colonies reported. Extracting is about over, and the crop is said to range from 100 to 150 percent of normal in different sections of the State and it is of fine quality.

Utah. The latter part of the period has been usually cold, with killing frosts general and light snow in the mountains. When weather permitted bees worked on rabbit brush, which furnished sufficient food for winter stores. A few apiaries are already packed for winter. Late reports confirm earlier statements of the wide range in production in different sections, with many yards having an output considerably below normal.

Nevada. Bees are storing honey actively from rabbit brush, which is in full bloom and colonies will go into winter quarters with ample stores. Reports indicate that the size of the crop has usually ranged 50 to 60 percent and in some cases considerably more.

ARIZONA:

Some honey is yet being gathered, but with nights rather cool the flow is slow and will be used for winter stores. Many apiaries in un-irrigated locations are short of stores and will need feeding to carry them over the winter. Rain reported in scattered sections. Sales reported, Light Amber to Extra Light Amber Alfalfa \$6.25-6.50 per case of 120 lbs., few sales low as \$6.00 per case, and some holding for \$6.75 per case or more.

SOUTHWESTERN STATES:

Southcentral and Southwestern Texas. Continued rains assure a fall flow that should be sufficient for winter stores. Honey plants generally are said to be in good condition, and huajillo is reported in the best condition for many years. Rock brush is now in bloom. Sales reported large lots White extracted 6- $6\frac{1}{2}\phi$ per lb.; Light Amber, ton lots $4\frac{1}{2}$ -5 ϕ per lb. some 60s 7 ϕ , small pails 7-8 ϕ per lb.; bulk comb, small pails $8\frac{1}{2}$ -11 ϕ per lb. Beekeepers generally report a crop normal or slightly above.

East Texas. Many colonies in the cotton sections are suffering from the effects of poison, especially where airplanes were used and the calcium arsenate dusted on. The fall flow so far has been light, though morning glories are furnishing some nectar. Colonies generally will go into winter in good condition. Ton lots Amber extracted have sold at 4 ϕ per lb. with cans returned, small pails $7\frac{1}{2}$ - 9 ϕ per lb.

Southeast Texas. Rains, often heavy, fell nearly every day for two weeks, stopping nectar flow. Colonies that were extracted closely were on the verge of starvation when the rain stopped and bees were able to bring in some nectar. Goldenrod is in bloom and is fairly plentiful, but aster plants are scarce.

PLAINS AREA:

Red River Valley of Minnesota and North Dakota. Until the first killing frost on September 28 bees were bringing in a little nectar from sweet clover and the yield for the section was better than anticipated. It has been very dry and clover plants for next year are in uncertain condition. Colonies are in good shape and have adequate stores. White Sweet Clover is generally selling in large lots at $6\frac{1}{4}$ -7¢ per lb., with 2 cars Water White 7¢, small pails $8\frac{2}{3}$ ¢ per lb.

Iowa. Considerable rain has fallen, which will help in placing honey plants in condition for 1937. Fall honey, however, is generally lacking. However, bees will go into winter with ample stores and plenty of young bees. A large volume of White extracted has sold around 6¢ per lb., in some instances with cans returned, while other sales have been reported at $6\frac{1}{2}$ ¢ per lb. with cases, or $6\frac{1}{4}$ ¢ without cases.

Nebraska. Additional rains and continued warm weather improved plant conditions, and pollen and nectar were collected by bees until the cold weather toward the close. Considerable brood has been developing, with bees in many cases acting as they do under early summer conditions. Practically no nectar sources now remain in the State. Some sections report a good fall flow from asters and smartweed, enabling bees to fill up for the winter, but beekeepers generally report either a light surplus or none.

Kansas. Considerable rain has fallen, being much heavier in the southeastern and extreme northeastern portions of the State than in western Kansas. Smartweed, goldenrod, sunflowers and Spanish needle have been blooming, but are rather scarce. Colonies are generally in good shape, but in some areas they will have to be fed if they are not to starve. The crop is short, few beekeepers reporting more than 20 pounds surplus and many securing practically no surplus. Honey is moving rapidly, with much of the crop already sold, due partly to the lack of local canning and preserving. Sales reported of White Sweet Clover, 60s 8-9¢ per lb., small pails 10¢ per lb. Few cases of No. 1 cellophane-wrapped comb honey, \$4.00 per case.

EAST CENTRAL AND NORTH CENTRAL STATES:

Michigan. Light to heavy frosts have been general throughout the State, but earlier bees secured a large amount of nectar from goldenrod and aster, some beekeepers reporting the heaviest fall flow in years. Not only did they secure enough for winter stores, but in some cases surplus has been removed from the fall honey. Recent rainfall has been helpful to next year's white and alsike clover plants where they have not died out completely. A large amount of honey has been sold, with White extracted moving in carlots at 7¢ per lb. in some cases with cans returned; ton lots and less 7- $8\frac{1}{2}$ ¢, per lb., Amber $6\frac{1}{2}$ -7¢ per lb., occasional sales of comb honey reported at \$3.00-3.50 per case. Many beekeepers are already nearly sold out.

Wisconsin. Light frosts reported, with light to moderate precipitation. A little nectar is still coming in from goldenrod, aster and sweet clover in the central and northern parts of the State, with white aster yielding unusually well. Little nectar reported from the southern part of the State, however, where brood-rearing has practically ceased. Recent rains have revived the clover and improved prospects for next year. Many beekeepers are holding their honey but some sales have been reported of White extracted in ton lots at $6\frac{1}{2}$ -7¢ per lb.; one car $5\frac{1}{2}$ ¢ with containers and cases furnished; 60s 7-8¢, small pails 7-10¢ per lb. Amber appears to be bringing practically the same price as White, with sales reported in small pails at $7\frac{1}{2}$ -8¢ per lb. Comb honey has sold at \$3.50-3.60 per case, with some unwrapped at \$3.10 per case.

Minnesota. The early fall flow from late sweet clover and other plants was better than anticipated in those parts of the State where moisture was sufficient and where unfavorable weather conditions did not set the plants too far back. Opinions regarding the size of the crop range 50-140 percent of normal, in different parts of the State. The quality of the honey is good and it is selling well. Bees are going into winter in good shape and generally have plenty of stores. Sales reported White extracted, large lots 7- $7\frac{1}{2}$ ¢ per lb., 60s 8¢, small pails 9-10¢ per lb. No. 1 wrapped comb, \$4.00 per case.

Ohio, Indiana and Illinois. Production has ranged widely in different areas but most commercial beekeepers secured from 75 to 125 pounds to the colony, and in favorable areas a larger output was secured. Late rains have brought on an abundance of fall flowers especially in the low lands, which produced a heavy yield from goldenrod, heartsease, Spanish needle and aster. Some sections report that aster plants are more abundant than for years past. Broodrearing has been going on heavily, with consequent heavy consumption of food, and in areas where the fall flow has been light some fall feeding may be necessary. Many beekeepers have been able to take off some surplus from fall plants, running up to 100 pounds to the colony in buckwheat areas. Although in some sections prospects for next year are not bright, most beekeepers are pleasantly surprised at the extent to which clover has responded to the late rains, and it is now apparent that the outlook for a flow next year is much more encouraging than was anticipated a few weeks ago. Sales of honey have been heavy as buyers have evidently been endeavoring to make sure of their stocks before the crop is entirely exhausted, and many commercial beekeepers are already cleaned up. Many carlots of White extracted reported sold at $6\frac{1}{2}$ -7¢ per lb., some with containers returned, ton lots or less $6\frac{1}{4}$ - $7\frac{1}{2}$ ¢, some with containers returned, small pails 8-10¢ per lb.

Good demand reported for comb honey; which is scarce, with No. 1 White ranging \$2.50-3.60 per case, few higher; Buckwheat \$2.50, off-grade or Amber low as \$2.00 per case. Beeswax, 21-22¢ per lb. in cash, 24¢ in trade.

EASTERN ONTARIO: 2 carlots White Clover sold at 7¢ per lb.

NORTHEASTERN STATES:

New York. The honey flow is over except that on warm days bees are still working on aster, though goldenrod and buckwheat flows were practically ended by the frosts. Some sections report an unusually heavy flow from goldenrod and aster, and bees are going into winter with an abundance of stores and young bees. Considerable honeydew was collected in some sections, and beekeepers have been advised by the State authorities to feed 10 to 15 pounds of sugar syrup to correct unfit stores. Prospects for next year's clover plants are better than anticipated. The buckwheat flow was better than feared earlier, though little pure buckwheat honey was harvested, being mostly mixed with goldenrod. However, demand has been good for this mixed honey and the buckwheat crop is now estimated as two-thirds to three-quarters of last year's light crop. The white honey flow averaged perhaps 75 percent, though it was spotted and especially light in Central New York. Large lot sales of White extracted quoted at 7-8 1/3¢ per lb., 60s 8-9¢, small pails 9-12¢ per lb.; Amber, large lot 6¢ with cans, furnished, 60s 8 1/2¢; Buckwheat, ton lots around 7-8¢ per lb. No. 1 and Fancy wrapped White comb \$3.50-4.00 per case.

Pennsylvania. The goldenrod^{flow} has been very heavy, especially in the upper portion of the State, and providing ample stores for the winter. Wild aster is still yielding nectar, but needs more rain. Colonies are generally strong, with ample supply of young bees. Sales reported White extracted, 60s 8¢, small pails 11¢; small pails Buckwheat 10 1/2¢ per lb.; No. 1 comb \$3.25 per case, Fancy \$3.75 per case.

New Jersey. White aster has sprung up rapidly in the fields, and though weather conditions have been unfavorable for best work on it some surplus may be accumulated if the weather turns sufficiently warm. Goldenrod yielded well. Sales reported case lots Clover-Sumac 7-8 1/2¢ per lb.; some sales Mixed Flowers 7 1/2¢ per lb. Comb honey, \$4.00-4.32 per case.

Vermont. Bees are in excellent condition for winter, though they may need some feeding. Although the quality of this year's honey is below that of last year, many beekeepers secured as much as a year ago, especially of comb honey. Due to dry weather clover plants are not up to normal. Sales reported of No. 1 White Clover comb \$3.50-4.25 per case.

Connecticut. Goldenrod and aster bloomed well but the weather was unfavorable for the flow and many colonies got hardly enough for winter. The crop of light honey will be short this year. Before the small sumac crop was taken off a honeydew flow from the oak started in, and tinged the extracted honey as well as giving comb honey a dark border. Sales reported, large lots extracted 7¢ per lb.; No. 1. comb \$3.75 per case.

SOUTH ATLANTIC STATES:

Maryland. Bees are filling up for the winter on aster, fall dandelion and goldenrod, though some beekeepers report that early cool weather has reduced the flow. However, it is expected that little feeding will be necessary. Honey is selling better than usual at this time of year, with comb honey moving at \$4.00 per case.

West Virginia. Bees are storing an abundance of honey from asters and other late plants, and colonies are in fine shape for winter. Weather conditions reported unusually good for nectar secretion, with no heavy frosts as yet. Demand for honey has been good, with small lots selling at 20¢ per lb. in pails, 25¢ in glass.

North Carolina. The crop proved to be up to that of last year, with some beekeepers reported taking off 150 pounds of honey. Sales of extracted reported at 6-7¢ per lb.

Virginia. Honey is selling well, with ton lots moving at 8¢ per lb. Plant conditions are excellent, with light rains reported.

South Carolina. Bitterweed has been yielding heavily, but as this is not desirable for table use beekeepers will use it for winter stores. The main crop of honey is slightly larger than that of a year ago.

SOUTHEASTERN STATES:

Southeastern Georgia. Mexican clover and velvet beans are still yielding a surplus, with supers of Mexican clover honey being removed and prospects are now good for further flow from this source, following the seasonable showers. The last of the spring crop is moving rapidly to packers and other buyers with bottlers more active in purchasing this season than usual. Sales reported, extracted 7¢ per lb.; bulk comb in pails 11¢ per lb.

Florida. Bees are in fair shape and are gathering some honey. Prospects are fair for the main fall flow which will come on a little later. Commercial beekeepers have secured at least a normal crop and some report a crop of 150 percent of normal. Sales reported of Fancy Tupelo, barrels 7¢, 60s 8¢, small pails 11 1/2¢ per lb.; other extracted, small pails 6¢ per lb.

SOUTHEASTERN STATES: (Cont'd)

Louisiana. Colonies are about maintaining their weight from the fall flow, and bees are generally in good condition to take advantage of any honey flow that may materialize. Extracted in barrels reported sold at 6 1/4-6 1/2¢ per lb.

HAWAII:

Most colonies of bees are strong in brood. On the Island of Oahu a honey flow has been on from eucalyptus and a fair surplus realized. Some beekeepers are fumigating with cyanogas in a sealed room to save combs from the wax moth. On the Island of Molokai the crop is said to be about 25 percent smaller than last year, and on Maui about 15 percent short, with the Hawaiian crop generally 20 percent below last year's. The local honey market is firm. Water White Algaroba is quoted at 5¢, White at 4 3/4¢, Light Amber 4 1/2¢, Amber 4 1/4¢ per lb. f.o.b. Honolulu. One large car of Extra White to Water White Algaroba reported sold at 5¢ per lb. Large lot sale white beeswax reported at 22¢ per lb., yellow beeswax 21¢. Because of the shortage of honey in California, there is an undercurrent of strength to the market.

SUMMARY

Freezing weather has finally come to the Central part of the country and nectar sources have been killed in many of the Northern and Plains States except for hardy wild asters, rabbit-brush and a few other plants. However, the fall flow from golden rod, aster, heartsease and Spanish needle was exceptionally heavy and in occasional yards beekeepers were able to obtain a surplus. The buckwheat flow proved heavier than anticipated, though it was generally mixed with goldenrod in New York State. Broodrearing has been unusually heavy this fall. Most colonies are going into winter with ample stores and heavy in young bees, and packing has already started in the colder regions. Thanks to the late fall flow the year's crop of honey is winding up heavier than was feared during the drouth, and it may equal last year's production. Honey prospects for next year are much more encouraging than indicated in reports of a month ago. Late rains have brought on white and alsike clovers, and while some sections report that clover plants were so thoroughly burned that they can not come back, clovers have often stood out from the old plants and should be in good shape for next year.

Never before has the honey crop been disposed of so rapidly at the start of the season. Large buyers are actively in the market and a great many carloads have already been sold. In fact, in some sections comparatively little honey now remains unsold. The market is holding firm, with cars often selling at higher prices now than a few weeks ago. Comb honey is especially firm. Not only is honey selling well, but beeswax is also in demand and at prices above those of last year.

TELEGRAPHIC REPORTS FROM IMPORTANT MARKETS

Arrivals include receipts during preceding two weeks. Prices represent sales or current quotations, as secured from the original receivers. Market condition comments represent the opinion of the trade, and are for the last of September. Extracted quotations refer to the pound price of honey in 60-lb. cans; comb prices are for 24-section cases; and beeswax prices are on the pound basis, where not otherwise stated.

BOSTON: Arrivals, comb, 75 cases Vt.; extracted, 243 cases Calif., 20 bbls. Puerto Rico via New York City.

COMB: Supplies rather light. Demand fair, market steady. Sales to jobbers and retailers- VERMONT, White Clover 12-oz. fair to ordinary quality \$3.25-3.75; 20-section cases No. 1, 12-14 oz. best \$3.50-3.75, fair quality \$3.25.

EXTRACTED: Demand moderate, market barely steady. Sales to wholesalers and confectioners- CALIFORNIA, Extra Light Amber Sage and White Orange, and Intermountain White Sweet Clover 9 1/2-10¢. PUERTO RICO, Amber, cases and bbls. mostly 7 3/4¢.

CHICAGO: Arrivals: carlots - 1 car Ariz., 2 cars Ida., 5 cars Minn., 2 cars Nebr., 1 car N.D., 1 car Mich.; l.c.l. 683 lbs. Ill., 675 lbs. Iowa., 5,665 lbs. Wis.; by truck- 21,280 lbs. Ill., 14,000 lbs. Ind., 6,000 lbs. Wis.

COMB: Supplies light. Demand very slow, market dull. Sales by receivers to retailers- ILLINOIS and INDIANA, cases cellophane-wrapped No. 1 few sales \$3.00.

EXTRACTED: Supplies moderate. Demand light, market about steady. Sales to bakers and other large users in cases containing 2, 60-lb. cans- ARIZONA, Light Amber to Extra Light Amber Alfalfa 7-7 1/8¢. ILLINOIS, INDIANA, MICHIGAN and WISCONSIN, Mixed Clovers, White 7 1/2-7 3/4¢, few 8¢; Light Amber 7¢. ILLINOIS, 5-lb. pails Mixed Clovers, White 45¢.

BEESWAX: Dealers paying 19-20¢, few 18 1/2¢ for country run stock delivered Chicago.

CLEVELAND: 22,800 lbs. Ohio extracted arrived. Supplies moderate. Demand moderate, market firm.

EXTRACTED: MIDWESTERN, White Clover, 1-lb. jars per dozen: bottlers' and bakers' sales to wholesale grocers, large chain grocery and drug stores- \$1.60-1.65; wholesale grocers' sales to retailers- \$1.85-1.95.

DETROIT: Truck receipts, extracted 1,140 lbs. Ill., 6,900 lbs. Mich. Supplies light. Demand very light, market steady. Per lb.

EXTRACTED: Sales by wholesale receivers to bakers, bottlers, and confectioners - MICHIGAN, White Clover 8 $\frac{1}{2}$ -9 $\frac{1}{2}$ ¢, Light Amber 7 $\frac{1}{2}$ -8 $\frac{1}{2}$ ¢.

KANSAS CITY:

COMB: Truck receipts approximately 250 cases Colo. and 200 cases Minn. Supplies Light. Demand moderate, market about steady. Sales by wholesalers to retail grocers - MINNESOTA, White Clover 12-oz. mostly \$4.00, few \$4.25. COLORADO, cartons 11-12 oz. White Sweet Clover \$3.75-4.00.

EXTRACTED: 2 cars Idaho arrived. Supplies moderate. Demand moderate, market about steady. Sales by wholesalers to bottlers and bakers - IOWA, White Clover and IDAHO, White Sweet Clover 8 $\frac{1}{2}$ ¢. IDAHO, Light Amber Alfalfa 8¢, few 7 $\frac{3}{4}$ ¢.

LOS ANGELES: Honey continued in fair to moderate demand at slightly higher prices.

EXTRACTED: Sales to retailers, bottlers, bakers and confectioners, liquefied basis - CALIFORNIA, Orange, Extra White to Water White 7 $\frac{1}{4}$ ¢ - 7 $\frac{3}{4}$ ¢, White 6 $\frac{3}{4}$ ¢ - 7¢; Buckwheat-Sage, Light Amber to Extra Light Amber 6¢ - 6 $\frac{1}{2}$ ¢; Alfalfa, Light Amber to Extra Light Amber 6 $\frac{1}{4}$ ¢ - 6 $\frac{3}{4}$ ¢.

BEESWAX: The market was firm at 20 - 22¢ to beekeepers delivered Los Angeles.

NEW YORK: 364,200 lbs. Calif., 129 bbls. Fla. and 10 bbls. Cuba, 120 bbls Puerto Rico, 1 case Japan arrived. Demand moderate, market steady. Per lb.

EXTRACTED: Sales by receivers to jobbers, bakers and manufacturers - CALIFORNIA, White Orange 9-10¢; Sage, Extra White mostly 8 $\frac{1}{2}$ ¢, Extra Light Amber 8¢, Light Amber 7 $\frac{1}{2}$ - 8¢; Light Amber Alfalfa 7 $\frac{1}{2}$ - 8¢. NEW YORK, White Clover 9-9 $\frac{1}{2}$ ¢; Buckwheat 8 $\frac{1}{2}$ -9¢. INTERMOUNTAIN REGION, White Sweet Clover and Alfalfa mostly 9¢. FLORIDA, Tupelo 8-9¢. PUERTO RICO, barrels re-strained 68-72¢ per gal.

COMB: Sales to retailers - NEW YORK, White Clover Fancy \$4.50; No. 1 \$4.00.

BEESWAX: 340 bags Brazil, 85 bags Dominican Republic, 78 bags Cuba, 25 bags Mexico, 16 bags Egypt, 9 bags Puerto Rico arrived. Market firm. Sales by receivers - WEST INDIES and SOUTH AMERICA, Light 26-27¢, Medium 25-26¢, Dark 24-25¢.

PHILADELPHIA: 1,800 lbs. Calif., 2,160 lbs. Ill., 1,560 lbs. Pa. extracted and 40 cases Pa. comb arrived.

EXTRACTED: Supplies moderate. Demand moderate, market about steady. Brokers sales to jobbers, confectioners and wholesale grocers - ILLINOIS, blended White Sweet Clover and Basswood 3-lb. jars \$4.25-4.50 per doz.; 5-lb. cans \$6.50-6.75 per doz.; 10-lb. cans \$13.00-13.50 per doz. Sales by receivers to manufacturers, bakers and confectioners - PENNSYLVANIA and ILLINOIS, White Clover, some fine quality 9-10¢. CALIFORNIA, White Orange 9¢. PENNSYLVANIA and NEW JERSEY, Mixed Flowers few 7-7 $\frac{1}{2}$ ¢. PUERTO RICO, Light Amber in barrels 70¢ per gal.

COMB: Sales by receivers to retailers - PENNSYLVANIA, White Clover cellophane-wrapped Fancy 14-15 oz. \$5.00, 12-13 oz. \$4.00-4.50.

BEESWAX: Approximately 2 tons Southeastern arrived. Demand slow, market steady. SOUTHEASTERN, yellow 28¢.

PITTSBURGH: Arrivals by rail and truck, comb 200 cases Mich.; extracted, 3,000 lbs. Mich., 11,900 lbs. bottled Midwestern.

COMB: Supplies Light. Demand slow, market steady. Brokers sales to retailers - MICHIGAN, White Clover, cellophane-wrapped No. 1 \$3.75-4.00.

EXTRACTED: Supplies moderate. Demand moderate, market about steady. Brokers sales to jobbers, bakers' supply houses and large bakers - MICHIGAN, White Clover 8¢, Light Amber 7 $\frac{1}{2}$ ¢. MIDWESTERN, White Clover 1-lb. jars \$1.55-1.60 per doz.; 14-oz. jars \$1.40-1.45 per doz.; 5-lb. pails mostly \$6.25 per doz.

PORTLAND: Receipts via motor truck, Idaho, 250 cases comb, 7,500 lbs. extracted; Oregon, 85 cases comb, 4,500 lbs. extracted; via boat Calif, 10,920 lbs. extracted. Supplies moderate. Demand fair, market steady, with firm undertone.

EXTRACTED: Sales to bakers, confectioners and retail grocers: CALIFORNIA, Orange, White 10¢; mixed blend Amber to Light Amber mostly 7 $\frac{1}{2}$ ¢; few 8¢. OREGON, Fireweed, White 7 $\frac{1}{2}$ -8¢; Light Amber 7-7 $\frac{1}{2}$ ¢; Mixed Flowers various flavors 6 $\frac{1}{2}$ -7¢; few lighter-colored high as 7 $\frac{1}{2}$ ¢. Sales to retail grocers - IDAHO, Alfalfa-Sweet Clover, Light Amber 6, 9-lb. tins \$4.60, 12, 5-lb. tins \$5.10-5.25; 24, 2 $\frac{1}{2}$ -lb. tins \$5.40-5.55; 24, 17-oz. jars \$3.65. CALIFORNIA, Light mixed blend 12, 5-lb. tins \$5.15; 12, 2 $\frac{1}{2}$ -lb. tins \$2.80; White Orange 12, 16-oz. jars \$1.80. OREGON and WASHINGTON, Light Amber to Extra White Fireweed 12, 5-lb. tins \$5.25-5.40; few \$5.50; 12, 16-oz. jars \$1.80-1.90; 12, 24-oz. jars \$2.25-2.40; 12, 32-oz. jars \$3.00; 12, 48-oz. jars \$4.20. OREGON, Alfalfa-Sweet Clover, Light Amber 12, 5-lb. tins \$5.25; 12, 16-oz. jars \$1.80; 12, 24-oz. jars \$2.25.

COMB: Sales to retail grocers - IDAHO, Fancy 12-oz. \$3.75, Choice 12-oz. \$3.60; 10-oz. \$3.35-3.50. OREGON, Choice 10-12-oz. \$3.25-3.35.

BEESWAX: Receipts light. Receivers paying 20¢ per lb. delivered Portland.

ST. LOUIS: Arrivals, 15,000 lbs. White Sweet Clover from Utah; 400 cases White Clover comb from Minnesota.

COMB: Sales by receivers to retail grocers - MINNESOTA, White Clover \$3.50-3.75, few sales by commission houses to retailers - OHIO, unwrapped cartons, No. 2 White Clover, \$2.75-3.00.

SEATTLE: Receipts, extracted, 1322 cases Ida., 285 cases Wash.; comb, 476 cases Ida. Exports to Canada 5250 lbs.

COMB: Supplies light. Demand good, market firm. Sales by wholesalers to retailers and other buyers - IDAHO and WASHINGTON, Alfalfa-Sweet Clover, Fancy 12-oz. \$3.50-3.60, 11-oz. \$3.25-3.35, Choice 12-oz. \$3.25-3.35.

EXTRACTED: Supplies moderate. Demand good, market firm. Sales by wholesalers to retailers - IDAHO and WASHINGTON, Sweet Clover-Alfalfa, Light Amber 24, 2 $\frac{1}{2}$ -lb. cans \$5.25; 12, 5-lb. pails \$5.00; 24, 16-oz. jars \$3.65. Sales by jobbers to manufacturers, bottlers, brokers and other buyers - IDAHO and WASHINGTON, Sweet Clover-Alfalfa, White 7 $\frac{3}{4}$ - 8¢, Light Amber 7-7 $\frac{1}{2}$ ¢, Amber 6 $\frac{1}{4}$ -6 $\frac{1}{2}$ ¢. WASHINGTON, White Fireweed 8 $\frac{1}{4}$ -8 $\frac{1}{2}$ ¢. Brokers sales - IDAHO and WASHINGTON, White Sweet Clover 6 $\frac{1}{2}$ ¢.

SAN FRANCISCO: Receipts at San Francisco and Oakland via motor truck - from Central California 122 cases Alfalfa-Bean and Alfalfa-Cotton, 50 cases Mixed Wild Flowers; from Northern California, 114 cases Star Thistle, 40 cases Mixed Thistle and Wild Flowers. Beeswax receipts for the period, 1150 lbs. Market rather quiet, with prices showing little change.

EXTRACTED: Sales in bulk by wholesale receivers to bottlers, bakers, confectioners, manufacturers, liquefied basis - CALIFORNIA, Star Thistle, Light Amber to Extra Light Amber 6 $\frac{1}{2}$ -7 $\frac{1}{4}$ ¢, Extra Light Amber to White 7 $\frac{1}{4}$ -7 $\frac{1}{2}$ ¢; Alfalfa-Bean and Alfalfa-Cotton, Light Amber to Extra Light Amber 6 $\frac{1}{4}$ -6 $\frac{3}{4}$ ¢, some 7¢; Mixed Wild Flowers, Amber to Light Amber 5 $\frac{1}{2}$ -6¢. INTERMOUNTAIN, Sweet Clover-Alfalfa, White to Extra White 7 $\frac{1}{2}$ -7 $\frac{3}{4}$ ¢.

BEESWAX: Market was firm under a limited volume of trading. Good yellow wax brought beekeepers 21-23¢ per lb.

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Bureau of Agricultural Economics

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Washington, D.C.
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SEMI-MONTHLY HONEY REPORT - NO. 442

INFORMATION FROM PRODUCING AREAS (First half of October)
(Prices generally refer to sales by beekeepers f.o.b. shipping points except as otherwise noted.)

CALIFORNIA POINTS:

Southern California. The weather has been generally clear, with prevailing temperatures somewhat above normal. It has been very dry and early rains are badly needed. A little honey is coming in from goldenrod and various weeds, and some noneydeu honey. The warm weather has resulted in much activity on the part of the bees, and as nectar sources have been scarce they have been using up winter stores. The scarcity of both sage and buckwheat is emphasized as the 1936 season draws to a close. The buckwheat flow probably did not average over 10 - 15 pounds to the colony, and few beekeepers report a sage flow of any size. The sage crop may not have been over 5 percent of normal, with many reporting a complete failure, and only occasional colonies as high as 12 pounds to the colony. Honey has been in slow to moderate demand during this period, with prices about the same as those of two weeks ago. Sales by beekeepers in ton lots or more per lb., f.o.b. Southern California delivery points: Orange, Extra White to Water White 6 3/4¢, White 6 1/2 - 6 5/8¢; Buckwheat-Sage, Extra Light Amber 5 1/2 - 5 3/4¢, Light Amber 5 1/2 - 5 5/8¢. The beeswax market is slightly stronger, with most lots bringing 20-22¢, few 22 1/2¢ per lb. delivered Los Angeles.

Imperial Valley. Bees are in good shape for winter, with ample stores, though colonies are not as numerous as a year ago. Bees are being moved at least two miles away from pea fields to escape the danger of arsenical poisoning. No sales reported.

Central California. Temperatures have ranged above normal, with several periods of warm weather in early October. Rainfall was negligible. Blue curl is still yielding a little nectar, but other plants are about over for the season, though occasional sunflowers, late alfalfa, cotton, puncture vine, jack clover, sunflowers and eucalyptus furnish some stores. Bees are in good shape for winter, with plenty of honey and pollen. Colonies are strong in number of bees, but broodrearing is about over. The honey market has been quiet, with relatively few sales. Although more honey is being offered, dealers are slow in buying and report a falling off in the volume moving into consumption. A fairly active demand from outside markets is reported, and considerable Intermountain comb honey has been shipped from coast ports, principally to the United Kingdom, during the past few weeks. Sales by beekeepers in ton lots or more, per lb., f.o.b. Central California delivery points: Alfalfa-Cotton and Alfalfa-Bean, Light Amber to Extra Light Amber 5 1/4 - 5 1/2¢; Extra Light Amber to White Orange 6 1/2 - 6 3/4¢; some beekeepers holding White Orange for 7-7 1/2¢; Light Amber Mixed Flowers 5-5 1/4¢; Extra Light Amber Buckwheat-Sage 5 1/2 - 5 3/4¢; Light Amber 5 1/2 - 5 5/8¢. The yield of buckwheat ranged 10-15 pounds, with little mixture of sage and with some yards yielding almost pure buckwheat.

Northern California. Warm weather has continued, with rainfall limited to thunder storms in the mountains. Bees are still working lightly on star thistle, spikeweed, and sunflower but the season is over. With the market stronger, especially on Thistle honey, little trading has been reported and prices are firm to stronger. Sales by beekeepers in ton lots or more per lb., f.o.b. Northern California delivery points: Star Thistle, White 6¢, Extra Light Amber to White 5 3/4 - 6¢, Light Amber to Extra Light Amber 5 1/2 - 5 3/4¢, some Extra Light Amber 5 7/8¢; Light Amber to Extra Light Amber Blue Curl 5 1/4¢, occasional lots 5 1/2¢.

The market for beeswax has been firm with good yellow wax reported sold at 22-23¢, mostly 22¢ per lb. f.o.b. Central and Northern California delivery points.

PACIFIC NORTHWEST:

West of Cascades. Bees are still working a little on wild buckwheat, bull thistle, French pink and dandelion, but many colonies do not appear well supplied with honey for winter. A heavy planting of vetch is reported in the Willamette Valley, which will be helpful for next year. Although the crop in the fireweed territory is of fine white quality, the yield now appears to be only one-quarter to one-third of that of last year. Western Oregon reports a normal crop or larger from the Willamette Valley south to the California line. Colonies in this section, however, are often low in pollen reserves. Sales reported of White Fireweed at 6 1/2 - 7¢ per lb., Amber Various Flowers 5 1/4 - 5 1/2¢ per lb. Buyers are offering 22¢ per lb. delivered Portland for beeswax.

PACIFIC NORTHWEST: (continued)

East of Cascades. In the Yakima and Kittitas Valleys the weather has been warmer than normal and bees have been working actively on sweet clover, dandelion, goldenrod, aster and rabbit brush. However, with broodrearing also active, winter stores are being consumed rather heavily. So far most colonies have adequate stores. Extracting is about over, with the crop larger than that of last year. Demand for honey has been good, with price tendencies upward. Light Amber to White extracted has sold at 7 $\frac{1}{2}$ ¢ per lb. in 60s, 8-8 $\frac{3}{4}$ ¢ in small pails. In the Umatilla Valley bees continue to work lightly on rabbit brush and occasional other late flowers. Stores are abundant and the supplies of pollen are much heavier than in the western part of the State. Sales reported of White extracted at 6-6 $\frac{1}{2}$ ¢ per lb.

INTERMOUNTAIN REGION:

Honey continues to move out in large volume, with many carlots sold. Perhaps never before has honey moved so freely as during the past six weeks. Prices are holding firm, though there appears to be no advance over the market of two weeks ago. Some sections report that stocks are practically depleted, though in others, beekeepers appear anxious to move out their stocks. Several carlots of White Sweet Clover reported sold at 6¢ per lb., few slightly higher and some at 5 $\frac{1}{2}$ ¢ with cans returned, ton lots White to Water White 5 $\frac{1}{2}$ -6 $\frac{2}{3}$ ¢ per lb., some 6¢ without cases; 60s 6-8 $\frac{1}{3}$ ¢; small pails 7 - 10¢ per lb. Carlots of White to Light Amber have sold at 5 $\frac{1}{2}$ -5 $\frac{3}{4}$ ¢, with several carloads of Light Amber to Extra Light Amber at 5 $\frac{1}{2}$ ¢ with cans returned, and others at 5 $\frac{3}{4}$ ¢ including cans; ton lots Extra Light Amber 5 $\frac{1}{4}$ - 5 $\frac{1}{2}$ ¢, Amber 5 $\frac{1}{8}$ ¢ per lb. Comb honey is scarce and selling rapidly at higher prices than last year. Considerable comb honey has been moved out for export to Great Britain. Sales reported, mostly unwrapped, White Sweet Clover-Alfalfa, Fancy \$2.50-3.00, few \$3.25 per case; Extra Fancy \$3.00-3.25, few higher; Choice and No. 1, 12-oz. \$2.50-2.75, some \$3.00, some No. 1 11-oz. \$2.75; No. 2 and Commercial, 10-12-oz. \$2.25-2.50 per case. Beeswax is in good demand at 18-23¢ per lb. Details by States follow:

Colorado. Cool weather, with some snow, has stopped bee activity, but colonies are generally in shape for winter except that some yards in the eastern part of the State are light in bees and short in stores. There has been more moisture than usual this fall and the condition of honey plants for next year is encouraging. Along the Western Slope the crop runs 60-140 pounds to the colony of good quality white honey.

Wyoming. Following the recent killing frosts bees are being prepared for winter and are generally in good condition. Precipitation has been sufficient so that honey plants also are in good shape.

Idaho. The honey flow has stopped, following the hard freeze in the latter part of September, and bees are going into winter in good shape. Although the weather has been dry plant conditions are about normal.

Utah. Recent weather has been mild, providing an opportunity for bees to gather pollen and adjust winter quarters. Production for the State is reported to have averaged possibly 60 pounds to the colony which is about normal, though some sections which usually produce heavily are considerably below normal. Some colonies have been moved to California for the winter and early spring.

Nevada. The crop has been spotted, but generally satisfactory. Comb honey is selling rapidly. The comb honey from Smith Valley is reported to be of especially good quality. Bees are going into winter quarters with adequate supplies.

ARIZONA:

Bees in favored locations are still gathering a little honey from goldenrod and cotton, though little more honey will be extracted as most of it will be left on the hives for winter stores. Bees are going into winter in excellent condition and with an abundance of stores in irrigated areas, but those on desert locations are often short of stores. So much of the cotton area was dusted with arsenical dust that the crop from cotton was a disappointment. Sales reported Light Amber to Extra Light Amber Alfalfa, Yuma Valley mostly \$6.25 per case of 120 pounds, some higher; Salt River Valley \$6.00-6.10 per case; Light Amber Mesquite 6 $\frac{1}{8}$ ¢ per lb.

SOUTHWESTERN STATES:

Southcentral and Southwestern Texas. General rains have brought fall plants into bloom, thus insuring abundant winter stores if frosts hold off sufficiently long. Some sections, however, report that broodrearing has been so heavy that more honey has been consumed than has been coming in. Honey is moving rather rapidly to the consumer and Texas honey is competing with honey brought in from outside the State. Storekeepers are laying in honey for Halloween and Thanksgiving celebrations. Sales reported, White extracted 7 $\frac{1}{2}$ -8¢ per lb., darker grades down to 3¢ per lb.; small pails 8-10¢; 1-lb. jars Huajillo-Catsclaw \$1.50 per dozen; bulk comb small pails light color 9-10 $\frac{1}{2}$ ¢ per lb.

SOUTHWESTERN STATES: (cont'd.)

East Texas. Asters are now in bloom but bees have worked on them very little. Some colonies are light in both honey and bees. Inquiries for package bees are being received already. Small pails Cotton-Horsement reported sold at $7\frac{1}{2}$ - $8\frac{1}{2}$ ¢ per lb.; bulk comb, 1-lb. glass jars \$1.90 per dozen.

Southeast Texas. Colonies have brooded up unusually well, but are short of stores and much feeding may be necessary in order to supply colonies with winter stores if rainfall does not stop so that bees can work on goldenrod and aster. Demand for honey is improving.

Northeast Texas. A heavy flow is on from cotton, aster and cedar elm. Honey plants are in good shape following the fall rains. Extracted is selling in small pails at $7\frac{1}{2}$ - $8\frac{1}{2}$ ¢ per lb. If nectar flow continues bees will be in excellent condition for winter. Demand has been brisk for honey because of shortage of fruit and cane syrup.

West Texas. The rainy weather late in September was very helpful to honey plants. Bees are working well on the broomweed that survived the dry summer, and on other flowers, and are building colonies up satisfactorily for winter.

Oklahoma. Bees are still gathering a little nectar which will be needed for winter stores. The condition of nectar-bearing plants has greatly improved since the fall rains.

PLAINS AREA:

Red River Valley of Minnesota and North Dakota. In the northern part of the Valley abundant rainfall during September caused a renewed nectar flow and resulted in a larger amount of brood than was desirable. In the southern part broodrearing was lighter, and colonies are generally in good shape except those that were requeened too late and are still weak in bees. North of Crookston there appears to be a reduction in the amount of clover sown for 1937 and further south prospects are uncertain. Two carlot sales Water White Sweet Clover reported at 7¢ per lb.; ton lots White 6 1/4 - 7¢ per lb., some $5\frac{1}{2}$ -6¢. No. 1 to Fancy White comb, \$3.75-4.25 per case. Beeswax, 20-24¢ per lb.

South Dakota. Colonies are strong in young bees but many will have to be fed if bees are to survive. Light frosts on October 6 killed nectar-bearing plants. Honey is selling well, aided by the shortage of fruits. Sales reported White Sweet Clover, small pails 11¢ per lb. Light colored beeswax, 22¢ per lb.

Iowa. Recent weather has been favorable for colony development and colonies are generally strong with an abundance of young bees and considerable brood. Although the crop turned out better than expected on the whole it was very spotted, some important producing areas taking off little surplus. Honey plants look fairly good. Honey has been moving rather rapidly and some areas have little still unsold. Few large lots sales reported White extracted 7¢ per lb., and 6¢ per lb. with cans furnished.

Nebraska. Killing frosts have not yet occurred and frequent rains have resulted in considerable plant growth. Dandelions and other fall flowers are blooming and bees are bringing in pollen during the warmer portions of the day. Broodrearing is about over but colonies are generally strong in bees. Stores are reported light in many sections. Prospects for next year are uncertain. Few sales reported White extracted, large lots 6¢ per lb., smaller lots 7- $7\frac{1}{2}$ ¢, small pails $9\frac{1}{2}$ ¢ per lb.; Light Amber small pails 7¢ per lb.

Kansas. Soil moisture and plant growth are excellent in the eastern half of Kansas but western Kansas is dry. Frost has occurred so far only in the northwestern part of the State. Many colonies are weak and require feeding. Prospects for 1937 are rather discouraging though sweet clover and alfalfa were aided by the rains of late September. Little surplus was secured. Sales of White comb reported at \$4.00 per case.

Missouri. Bees have been kept in the hives most of the time by wet weather. However, the aster flow has been sufficient so that bees have been able to fill up their stores for winter and even make a little surplus. Dandelions and clovers look well for next spring.

EAST CENTRAL AND NORTH CENTRAL STATES:

Michigan. Killing frosts have occurred over much of the State, and already some beekeepers have finished packing for winter, though others will wait until the close of October. Most colonies have an ample supply of young bees and due to a heavy fall flow from goldenrod they are heavy in stores. The total size of the surplus crop was aided by the fall flow as many beekeepers were able to take off honey. Clover seedings are uncertain and often poor because of the continued drouth, though the late rains helped remaining plants. Extracted honey is moving freely and many carloads and truckloads have been sold during recent weeks. The market is fully firm. Carlots of White extracted have generally sold at 7- $7\frac{1}{4}$ ¢, few 6 $7/8$ ¢, 1 car 6¢ with cans returned, ton lots or more 6 $7/8$ - 8¢ per lb., 60s mostly $7\frac{1}{2}$ -8¢; Light Amber ton lots $6\frac{1}{2}$ ¢ per lb. Comb honey is scarce, with sales reported No. 1, \$3.00, Fancy \$3.50-3.60 per case. Few sales beeswax, 23¢ per lb.

EAST CENTRAL AND NORTH CENTRAL STATES: (cont'd.)

Wisconsin. It has been sufficiently cold to kill all honey plants and colonies have about finished broodrearing. Bees are now being backed for winter and are generally in good shape, with sufficient stores as a result of the fall flowers so that feeding will not be necessary. Some upland apiaries, however, will need to be fed. Honey plants look well also for next year as a result of the continued rainfall. Honey has been selling rapidly, with buyers active, and the market is holding fully firm. Ton lot sales of White extracted reported at the wide price range of $6\frac{1}{2}$ - $7\frac{1}{2}$ ¢ per lb.; some 6 - $6\frac{1}{8}$ ¢, some $5\frac{1}{2}$ ¢ per lb. with cans and cases furnished, and some $6\frac{1}{2}$ ¢ with cans returned; few 60s 8¢ with cans returned; small pails 8-10¢, few 11¢ per lb. No. 1 White comb has been sold at from \$3.00 to \$4.00 per case, Fancy up to \$4.25 per case.

Minnesota. Heavy freezes in the northern half of the State stopped all fall flow; frosts in southern Minnesota checked the fall flow there, though occasional dandelion, sweet clover and other fall blooms are still seen. However, the fine fall permitted bees to gather honey in surplus quantities until September 20, or 15 days longer than usual, and broodnests are well stored in consequence. The weather has been dry but plants are still in fair condition over most of the State. White extracted has been sold in large quantities at $6\frac{7}{8}$ - 7¢ per lb.; some sales lower, few small pails 9.2¢ per lb.

Ohio, Indiana and Illinois. Warm weather and rainfall brought on a good fall flow from aster, smartweed, Spanish needle and goldenrod, filling hives with an abundance of honey for winter stores and providing considerable surplus, many colonies securing a 50-pound surplus from fall plants. Many beekeepers failed to supply adequate super room, and hives became honey-bound. The flow from asters is still continuing, though cool, rainy weather keeps bees in the hives much of the time. Bees not only have plenty of stores for winter but an abundance of young bees and should go into winter quarters in good shape. Honey plants generally look good for next year, though perhaps on the whole not up to the appearance of a year ago. However, due to the favorable fall weather both honey plants and colonies are in better shape than anticipated earlier. Honey has been selling rapidly, with demand still continuing. Many beekeepers have completely sold out and stocks are lessening rapidly throughout the entire territory. Several cars of White extracted reported sold at 7¢ per lb., ton lots $6\frac{1}{2}$ - $7\frac{1}{2}$ ¢, in some cases buyers furnishing cans even at $7\frac{1}{2}$ ¢, few small pails 9¢; Amber, ton lots 4.7-7¢ per lb.; Buckwheat 5¢. No. 1 White comb has moved at \$2.88-3.60 per case; No. 2, few sales \$2.41 per case; No. 1 Buckwheat comb \$2.00 per case; No. 2, \$1.75-2.00 per case. Beeswax, 22¢ per lb. cash, 24¢ in trade.

NORTHEASTERN STATES:

New York. The fall flow was one of the best in years and has provided most colonies with adequate stores for winter. In fact, colonies are often unusually heavy in stores. Most colonies appear to be strong in young bees. Clover prospects for 1937 are only fair. Reports of the season's production range widely in different sections. Comb honey is said to be especially scarce. Prices show a rather wide range. Large lots of White extracted have sold at 6-8 $1\frac{1}{3}$ ¢ per lb., mostly 7-8¢, 60s 8-9¢; Buckwheat, ton lots or more $6\frac{3}{4}$ - $7\frac{1}{2}$ ¢; Thyme, large lot $5\frac{1}{4}$ ¢ per lb.; Amber 8¢, or 6¢ with cans furnished. No. 1 White Clover comb has sold lightly at around \$3.00 per case, Fancy \$3.00-3.75 per case; No. 1 Buckwheat comb \$2.50 per case.

Pennsylvania. Aster plants are abundant this year and bees are still bringing in nectar when the weather is not too cold or rainy. Some beekeepers report a surplus of 75 pounds to the colony from buckwheat and goldenrod. Colonies are strong in young bees. Bees have the broodchamber well filled, crowding the raising of brood. Sales reported, Light Clover 60s 8-9¢, Amber, large lot 7¢; Buckwheat, 60s 8-9¢ per lb. Clover comb, No. 1 wrapped \$3.60 per case; No. 2, \$2.88 per case.

New Jersey. Bees have an ample supply of stores for winter, but notwithstanding the abundance of asters were not able to obtain a surplus of aster honey because of unfavorable weather. Clover-Sumac reported sold at $8\frac{1}{2}$ -9¢ per lb., large lot $7\frac{1}{2}$ ¢, small pails 12-15¢ per lb., few cases No. 1 comb honey, \$4.00-4.32 per case.

Connecticut. Cloudy, cold weather cut short the fall flow, and as many colonies have considerable honeydew in the hives for winter, a severe winter might prove unfortunate for the bees. Both comb and extracted are darker in color this year than usual, but of good flavor and body. Feeding is being done in many colonies which had but a small amount of honey in the broodchambers, though much aster is still in bloom. Sales of honey reported good for this season of the year.

SOUTH ATLANTIC STATES:

Maryland. The fall honey flow has been better than usual and bees are still working on asters and occasional other flowers. Colonies appear to be in good shape for winter. Few sales reported Amber comb \$4.00 per case.

SOUTH ATLANTIC STATES: (cont'd.)

Virginia. Recent rains have put honey plants in better shape for winter. The aster flow is nearly over. Though the weather during the flow was often unsatisfactory, bees generally have a fair amount of winter stores, and colonies appear to be in good condition. Sales reported, Clover comb \$3.24 per case; extracted 10¢ per lb.

West Virginia. Bees are reported in the best condition for winter since 1931. With an abundance of moisture in the ground, nectar flow from late plants is expected to continue until frost. Extracted honey is reported in good demand.

North Carolina. Bees are still working on goldenrod and aster, and aided by favorable weather colonies are now in excellent condition for winter. Both the quality and the quantity of the present year's crop are reported above average. Demand for honey is reported good, with beekeepers rapidly disposing of their crop at favorable prices. Bulk comb reported sold, Sourwood 25¢ per lb.; Other Flavors, 5-lb. pails 8¢ per lb., glass jars 9¢ per lb.; extracted, small pails 6¢ per lb.

South Carolina. Bitterweed is reported yielding heavily this year, and queens have also been laying more than normal so that winter stores and colony strength should both be satisfactory. Aster honey is beginning to come in, with a good crop in prospect. Some beekeepers report the best crop of honey since 1912.

SOUTHEASTERN STATES:

Southeastern Georgia. Colonies are strong and are storing from Mexican clover and other fall flowers. Some surplus from this source is being removed. Considerable rain has fallen during this period. Honey has been moving, principally by truck, to North and South Carolina, Tennessee, Virginia, Alabama and Kentucky. Prices are about the same as those of a year ago. Small pails extracted have sold at 7-8¢ per lb.; chunk honey 8-9¢ per lb. Local sales of spring honey in small pails reported at 10¢ per lb.

Florida. Colonies are in good shape but are not doing much on fall flowers, and prospects for a fall crop do not appear very bright. Sales reported, Fancy Tupelo, barrels 7¢ per lb., 60s 8¢, small pails 11 $\frac{1}{2}$ ¢; other extracted, small pails 7¢ per lb.

Alabama. A heavy flow is reported from Mexican clover and other fall plants, though in some sections the flow was not up to expectations. However, colonies are in good to excellent shape for winter.

Louisiana. Bees continue in good shape with weather conditions permitting them to work except in the southeastern part of the State toward the close. Sales reported of extracted honey at 8¢ per lb.

HAWAII:

The algaroba flow is practically over. Many beekeepers are holding honey for higher prices, with the market firm. Sales reported f.o.b. Honolulu mostly for shipment to the United States - Algaroba, Water White mostly 5¢ per lb. few lots slightly higher, Light Amber and Amber mostly 4 $\frac{1}{2}$ ¢.

SUMMARY

Temperatures warmer than normal have permitted bees to continue working on aster, sweet clover, Spanish needle and other late flowers in States from Pennsylvania west where frosts have not completely killed the plants. Often the fall flow has been exceptionally heavy, providing a surplus which increased the size of this year's crop until it is probably about up to that of 1935. In most areas little fall feeding will be necessary. Broodrearing was continued late and colonies generally have a good supply of young bees, with fair pollen stores. Packing for winter is under way in the northern tier of States. Late rains have placed clover plants in good shape over most of the country where the plants were not too thoroughly burned by the summer drouth.

The movement of honey to market continues with unprecedented activity, and no other season has ever seen the honey crop disposed of so rapidly at the start of the season. Inquiries from large buyers continue and the market remains fully firm, with an upward tendency in some sections. Little export demand for extracted honey, but western comb has recently been shipped abroad in considerable volume, chiefly to the United Kingdom. With new products containing honey being developed and requiring a large volume of honey, many beekeepers are already anticipating a still further increase in demand next year and are making plans for expanding the number of their colonies. Many commercial beekeepers are already sold out while others are retaining only enough honey to take care of definite customers. The market for honey continues to strengthen.

TELEGRAPHIC REPORTS FROM IMPORTANT MARKETS

Arrivals include receipts during preceding two weeks.

Prices represent sales or current quotations, as secured from the original receivers. Market condition comments represent the opinion of the trade, and are for the middle of October. Extracted quotations refer to the pound price of honey in 60-lb. cans; comb prices are for 24-section cases; and beeswax prices are on the pound basis, where not otherwise stated.

BOSTON: Arrivals, comb, 106 cases Vt., 30 cases N.Y.; extracted, 350 pails and 150 cases N. Dak.

COMB: Supplies increasing. Demand moderate, market slightly weaker. Sales to jobbers and retailers - VERMONT, 20-section cases White Clover No. 1, 12-14 oz. mostly 14-oz. \$3.25-3.50. NEW YORK and VERMONT, White Clover No. 1, 12-14-oz. best \$3.75-4.00, some ordinary quality lower.

EXTRACTED: Demand moderate, market steady. Sales to wholesalers and confectioners - CALIFORNIA, Extra Light Amber Sage and White Orange, and INTERMOUNTAIN White Sweet Clover 9½-10¢. NORTH DAKOTA, White Sweet Clover 9½-10¢. Sales to wholesalers and jobbers - NORTH DAKOTA, Sweet Clover 5-lb. pails \$7.00-7.50 per doz.

CHICAGO: Arrivals: carlots - 2 cars Ariz., 5 cars Ida., 4 cars Minn., 1 car Utah; 1 c.l. 180 lbs. Colo., 4121 lbs. Ill., 125 lbs. Utah, 4415 lbs. Wisc.; by truck - 12,200 lbs. Ill., 5,000 lbs. Mich., 4,000 lbs. Wisc.

COMB: Supplies light. Demand slow, market steady. Sales by receivers to retailers - ILLINOIS, MICHIGAN and WISCONSIN, cases cellophane wrapped No. 1 few sales \$3.00-3.25, unwrapped \$2.75.

EXTRACTED: Supplies moderate. Demand light, market about steady. Sales to bakers and other large users in cases containing 2, 60-lb. cans - ARIZONA, Alfalfa, Light Amber to Extra Light Amber 7 1/8-7 1/4¢. IDAHO, White Sweet Clover 7 1/4 - 7 1/2¢, few 7 3/4¢. ILLINOIS, MICHIGAN and WISCONSIN, Mixed Clovers, White mostly 7½¢, very few higher, few 7 1/4¢. IDAHO, 5-lb. pails White Clover \$5.40-5.75 per doz. ILLINOIS, 5-lb. pails Mixed Clovers, White 45-50¢.

BEESWAX: Dealers paying 20-22¢ for country run stock delivered Chicago.

CLEVELAND: No arrivals reported. Supplies very light. Demand light, market steady.

EXTRACTED: MIDWESTERN, White Clover, 1-lb. jars per dozen, wholesale grocers' sales to retailers - \$1.85-1.95; brokers sales to large chain grocery drug stores and to wholesalers \$1.60-1.65.

DENVER:

EXTRACTED: Sales by wholesalers to jobbers, bottlers and wholesale grocers - INTERMOUNTAIN, White to Water White Sweet Clover-Alfalfa \$4.15-4.25 per 60-lb. can. Sales by wholesale grocers to bakers and confectioners - White 9¢, Light Amber 8¢. Sales to retailers - INTERMOUNTAIN REGION, White to Water White Sweet Clover-Alfalfa, 10-lb. cans \$11.94 per doz., 5-lb. cans \$6.04 per doz.; Light Amber, 10-lb. cans \$10.20 per doz.; 5-lb. cans \$5.04 per doz.

BEESWAX: Dealers paying for beeswax f.o.b. Denver, 18¢ cash, 21¢ in trade.

DETROIT: Truck receipts, extracted 1800 lbs. Ill., 30,000 lbs. Ind., 32,500 lbs. Mich., 600 lbs. Ohio, 3,850 lbs. Wisc.; comb, 140 cases Mich.

EXTRACTED: Supplies moderate. Demand slow, market about steady. Sales by wholesale receivers to bottlers, bakers and confectioners - MICHIGAN, White Clover 8½-9¢, Light Amber 8-8½¢; 5-lb. pails Light Amber, sales to retailers - 45-50¢, best mostly 47½ - 50¢.

COMB: Supplies very light. Sales to retailers - MICHIGAN, White Clover No. 1 very few sales \$3.50-3.75.

KANSAS CITY:

COMB: 1 car Minn. arrived. Supplies moderate. Demand moderate, market slightly weaker. Sales by wholesalers to retailers - MINNESOTA, White Clover, U.S. 1, 14 oz. \$4.00-4.10; 12-oz. \$3.75-3.85, 11-oz. \$3.65.

EXTRACTED: No carlot arrivals, approximately 300 cans Mo. truck arrived. Supplies moderate. Demand moderate, market about steady. Sales by large wholesalers to smaller wholesalers, bottlers, and bakers - MISSOURI and IOWA, White Clover and IDAHO, White Sweet Clover-Alfalfa 8-8½¢, few 9¢. IDAHO, Light Amber Alfalfa 7 3/4 - 8¢.

LOS ANGELES: Demand fair at generally unchanged prices.

EXTRACTED: Sales to retailers, bottlers, bakers and confectioners, liquefied basis - CALIFORNIA, Orange Extra White to Water White 7 1/4 - 7 3/4 White 6 3/4 - 7¢; Buckwheat-Sage, Light Amber to Extra Light Amber 6-6½¢; Alfalfa, Light Amber to Extra Light Amber 6½ - 6 3/4¢.

BEESWAX: Market slightly stronger, with most lots bringing beekeepers 20-22¢ delivered Los Angeles, few high as 22½¢.

NEW YORK: 334,180 lbs. Calif. and 166 bbls. P.R., 1 case France, 1 case Turkey, 1 case South Africa arrived. Demand moderate, market firm. Per lb.

EXTRACTED: Sales by receivers to jobbers, bakers and manufacturers - CALIFORNIA, White Orange 9-10¢; Sage, Extra White mostly 8½¢, Extra Light Amber 8¢, Light Amber 7½-8¢, mostly 7½¢; Light Amber Alfalfa 7½-8¢. NEW YORK, White Clover 9-9½¢; Buckwheat 8½-9¢. INTERMOUNTAIN REGION, White Sweet Clover and Alfalfa 9¢. PUERTO RICO, Original 65¢, re-strained 75-78¢ per gal.

COMB: Sales to retailers - NEW YORK White Clover Fancy \$4.50; No. 1 \$4.00.

BEESWAX: 295 bags Portugal, 66 bags Mexico, 45 bags Cuba, 37 bags Puerto Rico, 35 bags Egypt, 24 bags and 4 seroons Dominican Republic arrived. Market firm. Sales by receivers - WEST INDIES and SOUTH AMERICA, Light 26-27¢, mostly 27¢, Medium 25-26¢, Dark 24-25¢.

PHILADELPHIA: 437 lbs. Fla. extracted arrived.

EXTRACTED: Supplies moderate. Demand moderate, market about steady. Brokers' sales to jobbers, confectioners and wholesale grocers - ILLINOIS, blended White Sweet Clover and Basswood 60s, 9¢; 3-lb. jars \$4.25-4.50 per doz.; 5-lb. cans \$6.25-6.50 per doz.; 10-lb. cans \$13.00-13.50 per doz. Sales by receivers to manufacturers, bakers and confectioners - PENNSYLVANIA and ILLINOIS, White Clover 9½-10¢. CALIFORNIA, White Orange 9-10¢. PENNSYLVANIA and NEW JERSEY, Mixed Flowers 7-7½¢. PUERTO RICO, Light Amber in barrels 70¢ per gal.

COMB: Sales by receivers to retailers - PENNSYLVANIA, White Clover cellophane-wrapped Fancy 14-15 oz. \$5.00, 12-13 oz. \$4.00-4.50.

BEESWAX: No arrivals. Demand slow, market about steady. Few sales by receivers - SOUTHEASTERN, Yellow 28-30¢. AFRICA, Yellow 27½¢.

PITTSBURGH: Arrivals by rail and truck: comb, 444 cases Mich., extracted 6500 lbs. Mich., 4600 lbs. bottled Midwestern.

COMB: Demand slow, market steady. Jobbers sales to retailers - MICHIGAN, White Clover, cellophane-wrapped No. 1 \$4.00-4.25, mostly \$4.00-\$4.15.

EXTRACTED: Supplies moderate. Demand moderate, market steady. Brokers' sales to jobbers, bakers' supply houses and large bakers - MICHIGAN, White Clover 8¢, Light Amber 7 3/4¢. MIDWESTERN, White Clover, 1-lb. jars \$1.55-1.60; 14-oz. jars \$1.40-1.45 per doz.; 5-lb. pails \$6.15-6.25 per doz.

PORTLAND: Receipts, via motor truck - extracted, 12,600 lbs. Ida., 8,400 lbs. Oreg.; comb, 16 cases Ida., 100 cases Oreg.; via boat 6,480 lbs. Calif. ext'd. Supplies moderate. Demand moderate, market steady to firm.

EXTRACTED: Sales to bakers, confectioners and retail grocers - CALIFORNIA, Orange, White 10¢; Mixed Blend Amber to Light Amber mostly 7 1/2¢, few 8¢. OREGON, Fireweed White 8-9¢, darker color 7-7 1/2. Sales to retail grocers - IDAHO, Alfalfa - Sweet Clover, Light Amber 6, 9-lb. tins \$4.60; 12, 5-lb. tins \$5.10-5.15; 24, 2½ lb. tins \$5.40; 24, 17-oz. jars \$3.60-3.65. CALIFORNIA, White Orange 12, 16-oz. jars \$1.80; 12, 32-oz. jars \$3.00; 12, 48-oz. jars \$4.20. OREGON, White Clover 12, 16-oz. jars \$1.80; 12, 32-oz. jars \$3.00; 12, 48-oz. jars \$4.20; Fireweed, Extra White same price as White Clover.

COMB: Sales to retail grocers - IDAHO, cases White Sweet Clover - Alfalfa, Fancy 12-oz. \$3.75, few \$4.00, Choice 12-oz. \$3.50, Choice 10-oz. \$3.35-3.50. OREGON, White Sweet Clover - Alfalfa, cases, fancy 12-oz. \$3.50-\$3.60, Choice 10-oz. \$3.30.

BEESWAX: Receipts very light. Buyers offering 22¢ per lb. delivered Portland.

ST. LOUIS: Receipts light. Demand very slow, market dull account warm weather.

EXTRACTED: Brokers' and jobbers' sales to bakers, bottlers and candy makers - UTAH, Sweet Clover and Alfalfa, White 9¢. CALIFORNIA, Light Amber Mixed Flowers 7½¢. NORTHERN ILLINOIS, Light Amber Clover and Mixed Flowers 7¢. INDIANA, Water White Clover 8½¢.

COMB: Brokers' and commission merchants' sales to retailers - OHIO, 12 1/2 oz. Medium and Dark Amber Mixed Flowers, unwrapped \$2.75. ILLINOIS and MISSOURI, Light Amber Clover and Alfalfa, cellophane-wrapped and unwrapped \$3.00-3.25 per case.

SAN FRANCISCO: Receipts at San Francisco and Oakland via motor truck - from Northern California, 175 cases Thistle, 208 cases Mixed Flowers, 45 cases Blue Curl; from Central California, 84 cases Orange, 167 cases Alfalfa-Cotton and Alfalfa-Bean; from Intermountain Region 175 cases Clover-Alfalfa. Beeswax receipts for the period - 2,750 lbs. Local market rather quiet, with considerable falling off in demand, especially for 5-lb. tins. Market was firm to slightly stronger.

EXTRACTED: Sales in bulk by wholesale receivers to bottlers, bakers, confectioners, manufacturers, liquefied basis - CALIFORNIA, Star Thistle, Light Amber to Extra Light Amber 6½-7¢, Extra Light Amber to White 7½-7¾¢; Alfalfa-Bean and Alfalfa-Cotton, Light Amber to Extra Light Amber 6½-6 3/4¢; Mixed Flowers, Amber to Extra Light Amber 5 3/4 - 6¢. INTERMOUNTAIN - Clover-Alfalfa, White to Extra White 7½-7 3/4¢.

BEESWAX: Market firm, with good Yellow wax reported at 22-23¢, mostly 22¢ per lb., f.o.b. Central and Northern California delivery points.

SEATTLE: Receipts, extracted, 615 cases Ida., 461 cases Wash.; comb, 100 cases Ida., 50 cases Wash. Exports none.

COMB: Supplies light. Demand good, market slightly stronger. Brokers' sales - IDAHO and WASHINGTON, Alfalfa-Sweet Clover, Fancy 12-oz. \$3.25-3.50, Choice \$3.15. Sales by wholesalers to retailers and other buyers - IDAHO and WASHINGTON, Alfalfa-Sweet Clover, 12-oz Fancy \$3.60-3.80, Choice \$3.40-3.50.

EXTRACTED: Supplies moderate. Demand good, market firm. Sales by wholesalers to retailers and other buyers - IDAHO and WASHINGTON, Alfalfa and Sweet Clover, Light Amber to White 12, 5-lb. pails \$ 5.00-5.50; White Fireweed, 12, 5-lb. pails \$5.85-5.95; Mixed Flowers 12, 5-lb. pails \$4.80. Sales by jobbers to manufacturers, bottlers, bakers and other buyers - IDAHO and WASHINGTON, Sweet Clover and Alfalfa, White 7 $\frac{1}{2}$ -7 $\frac{3}{4}$ ¢, Light Amber 7-7 $\frac{1}{4}$ ¢, Amber 6 $\frac{1}{2}$ - 6 $\frac{3}{4}$ ¢. Brokers' sales - IDAHO and WASHINGTON, White Sweet Clover and Alfalfa 6 $\frac{1}{2}$ ¢.

CATALOGUED

API CULTURE IN BULGARIA

(from K. deG. MacVitty, American Consul, Sofia,
September 23, 1936.)

Although the honey produced in Bulgaria has never been of importance as an article of export, apiculture is one of the oldest pursuits followed by the Bulgarian peasants. The production of honey up to recent years was mainly for home use, it being used principally in place of sugar. With the commencement of the production of beet sugar in Bulgaria, the output of honey was distributed to the cities instead of being used in the peasants' homes, and became a source of revenue. Honey is used by the general population in place of jams, in the making of candy, tarts and cakes. In candy and in pastry its use takes the place of sugar and it is preferred to sugar.

Production -- The annual production of honey in Bulgaria amounts to 3,000,000 kilograms. With the exception of a small amount exported, not exceeding 100,000 kilograms annually, the production is entirely consumed in the country.

Kind of Bees and Hives Used -- The local bee as well as the Italian and Caucasus bee are used. The production of honey is now under the control of a central cooperative society, the Central Beekeeping Cooperative "Nectar", Parchevich Street No. 36, Sofia. The cooperative society supplies the peasants with bees, hives and other equipment, and markets the entire output. Only liquid honey is on sale; honey in the comb does not appear to be saleable.

There are 334,234 bee-hives in the Kingdom of which 218,770 are modern types of hives, copies of type of hive used in the United States. The use of modern hives has developed during the last twenty years; heretofore the beehive used was very primitive, it being constructed of straw and manure.

The following table shows the development of modern methods in apiculture:

| Year | Ordinary Bee-hives | Modern Bee-hives | Total |
|------|-----------------------|---------------------|---------|
| 1905 | 219,856 | 19,261 | 239,117 |
| 1910 | 338,688 | 48,227 | 386,915 |
| 1920 | 263,497 | 68,323 | 331,820 |
| 1926 | 218,779 | 115,454 | 334,233 |
| 1936 | 115,464 | 218,770 | 334,234 |

Nectar-Producing Flora -- Honey is gathered mainly from the meadow grasses. In regions around the Danubian plain, where there are acacia forests, pure colorless honey is secured, and in regions where the linden-trees predominate good quality aromatic honey is obtained. During the spring and summer months there is an abundance of wild flowers in the hills and on the plains, and undoubtedly considerable pollen is gathered by the bees from these flowers.

Beeswax -- About 100,000 kilograms of beeswax are produced annually. The local production is used mainly in making candles for the Greek Orthodox Churches in the country, the making of artificial combs, grafting wax and in the shoe industry. The production does not quite supply the local demand and small quantities of wax are imported from Turkey.

Probable Increase of Production -- The cooperative society for honey is making every effort to increase the production and to improve the quality of the production. Booklets are printed for distribution to the peasants describing modern methods of production and of packing. The efforts of the Society are beginning to have good results, and it is indicated that within a few years honey may become a fairly important item of export.

A.G. Black, Chief of Bureau.

UNITED STATES DEPARTMENT OF AGRICULTURE
Bureau of Agricultural Economics

Telephone - District 6350,
Branch 2176.

Washington, D.C.
November 2, 1936

SEMI-MONTHLY HONEY REPORT - NO. 443

INFORMATION FROM PRODUCING AREAS (Last half of October)
(Prices generally refer to sales by beekeepers f.o.b. Shipping
points except as otherwise noted.)

CALIFORNIA POINTS:

Southern California. The weather has been unsettled, with rainfall on several days and with heavy rains in some sections amounting to more than $5\frac{1}{2}$ inches for October. Temperatures have been normal or slightly above. Alfilaria and other plants have responded to the rain of the middle of the month and other plant growth has been stimulated. Colonies have nothing on which to feed. Their condition is decidedly spotted though colonies that were moved out of the State to irrigated crops are in very good shape. Demand for honey has been light to moderate with most trading at unchanged prices. However, during recent years approximately 80 percent of all honey shipped from Southern California has moved by boat, the recent ship strike has curtailed boat shipments and has resulted in a weaker undertone to the market. Beekeepers' stocks are now light, with little Orange honey to be had. Sales by beekeepers in ton lots or more, f.o.b. Southern California delivery points, range as follows, per lb.: Orange, Extra White to Water White $6\frac{3}{4}\phi$, White $6\frac{1}{4}$ - $6\frac{5}{8}\phi$, few $6\frac{3}{4}\phi$; Buckwheat-Sage, Extra Light Amber $5\frac{5}{8}$ - $5\frac{3}{4}\phi$; Light Amber $5\frac{3}{8}$ - $5\frac{5}{8}\phi$. Beeswax has continued firm at $21-22\phi$ per lb. delivered Los Angeles, some high as $22\frac{1}{2}\phi$.

Central California. Temperatures were generally above normal for this season of the year. A fairly heavy rainfall occurred in the San Joaquin Valley and along the Coast during the early part of the period, with further rain at the close. This rainfall has started the grass, and vegetation is in good condition. Bees are still working a little on rabbit brush, wireweed, sunflowers, resin weed, blue curl and eucalyptus, though little nectar is being secured. Colonies are reported to have an unusual amount of pollen and are generally normal in number of bees. Some colonies are being moved back to Southern California in order to be ready for the first early Spring nectar. The market is rather quiet with light trading reported. Some beekeepers are offering honey more freely and though prices of the lighter grades are being well maintained, a slightly weaker tendency on darker honey is indicated. Sales reported, f.o.b. Central California delivery points, per lb. - Light Amber Mixed Cotton, Alfalfa and Blue Curl $5-5\frac{1}{4}\phi$, some $5\frac{1}{2}\phi$; Light Amber Buckwheat $5\frac{1}{4}-5\frac{1}{2}\phi$; Amber Mixed Wild Flowers $4-4\frac{1}{2}\phi$; White Cotton, second hand cans and cases $5\frac{3}{4}\phi$. 1 car White Cotton $5\frac{1}{2}\phi$ per lb. f.o.b. shipping point.

Northern California. Warm days have been reported with little rainfall until the close of the period and with plants suffering for lack of rain. Colonies are in normal shape. Bees are working occasionally on honeydew, goldenrod and various weeds but securing practically no nectar. The star thistle crop was cut short by the drouth. The market has been firm on the lighter grades of honey, with less moving than earlier in the season. Sales reported, per lb. f.o.b. Northern California delivery points: Star Thistle, White 6ϕ , Extra Light Amber to White $5\frac{3}{4}$ - 6ϕ , occasionally $6\frac{1}{4}\phi$ and some Extra Light Amber $5\frac{1}{2}\phi$, Light Amber to Extra Light Amber $4\frac{3}{4}$ - $5\frac{1}{2}\phi$; White to Extra White Clover $5\frac{1}{2}-6\phi$, Extra Light Amber Clover $5\frac{1}{2}\phi$.

The market for beeswax has been firm with good yellow wax selling at $22-22\frac{1}{2}\phi$ per lb. f.o.b. Central and Northern California points.

Imperial Valley. Rain fell towards the close over part of the Valley. Few sales Light Amber to Extra Light Amber Alfalfa reported at $\$6.60$ per case of 120 pounds.

PACIFIC NORTHWEST:

West of Cascades. Little rain has fallen and the ground is very dry. As killing frosts have not occurred bees are still able to gather a little pollen from western dandelion. Some colonies, however, are reported short of pollen. Supplies of honey are rapidly decreasing. Sales reported, White Fireweed $6\frac{1}{2}-7\phi$, Amber Fireweed $5\frac{1}{4}-5\frac{1}{2}\phi$; White Alfalfa $6-6\frac{1}{4}\phi$ per lb; Extra White Clover 6ϕ per lb. Beekeepers offered 22ϕ per lb. for beeswax f.o.b. Portland.

East of Cascades. In the Yakima Valley temperatures have been warmer than usual and bees are working during the middle of the day on rabbit brush and other fall flowers, although they are hardly making a living. Although the fall crop of alfalfa was not up to expectations bees built up well on late fall bloom. Honey is moving fairly well though the market is strong and advancing. Sales reported of ton and car lots White Alfalfa at $5\frac{3}{4}$ - $6\frac{1}{2}\phi$ per lb. with some holding 60s for 7ϕ per lb.; small pails $8-8\frac{1}{3}\phi$ per lb. Perhaps not more than half of the crop remains in the hands of beekeepers. In the Umatilla Valley beekeepers are selling honey in small pails at $8-8\frac{1}{3}\phi$ per lb.

INTERMOUNTAIN REGION:

The movement of honey has recently been slower than during the early part of the month. However, in some sections the crop of extracted honey is nearly all sold and remaining lots are in fairly firm hands. Comb honey has been moving rapidly to Pacific Coast markets, partly for export to Great Britain, and already some areas are completely cleaned up. Local demand is not as brisk as earlier in the season. Some beekeepers, it is reported, are marketing honey that is too unripe. Several carlot sales of White to Extra White Sweet Clover-Alfalfa reported at 5 3/4¢ per pound, 1 car 6¢, numerous carlots White 5 1/2 - 5 3/4¢, some White honey in carlots 5.4¢ per lb. with cans and cases returned; ton lots, Water White 6-6 1/8¢, Extra White 5 7/8 - 6¢, few 5 1/2¢, White 5 1/2 - 5 3/4¢, few 6¢ per lb., some White at 5 1/2¢ without cases and other lots at 5 1/2¢ with cans also returned; small pails 8-8 1/2¢ per lb.; few 10¢; Extra Light Amber to Light Amber Alfalfa-Sweet Clover, ton lots 5 1/2 - 5 1/2¢, small pails 7 1/2 - 8¢; 1 large lot Extra Light Amber Wild Flowers 4 3/4¢ per lb. Comb honey has been selling so rapidly that stocks are nearly exhausted, generally at the following prices for wrapped comb: Fancy, 12-oz. \$3.25 per case; Choice 12-oz. \$3.00, 10-oz. \$2.75, with unwrapped about 25¢ less per case. Beeswax is in good demand at 19-22¢ per lb. for yellow wax. Details by States follow:

Colorado. Both rain and snow have fallen during this period, benefiting next year's clover plants. Colonies on the Western Slope have a large amount of brood and are otherwise in good condition for winter. Supplies of honey in the eastern part of the State are insufficient to supply the local trade.

Wyoming. Weather conditions have been favorable and bees are going into winter in splendid condition with plenty of stores. Although it has been unseasonably cold with rather heavy snows in some sections, honey plants are in normal condition or better.

Montana. Though there have been killing frosts the weather has been a little warmer than average for the season. Bees are about all packed or placed in the cellars with an abundance of stores and young bees, some colonies having uncapped brood when packed. Some beekeepers report losses from skunks.

Idaho. Soil conditions are still dry and rain is badly needed by the honey plants. Forests in the mountains are reported tinder-dry. Bees are still active, and although some beekeepers are already packing, most of them are waiting for cooler weather before packing the bees for winter. Some are planning not to pack this year. Scale colonies show a loss of 10 pounds since the end of the honey flow.

Utah. Bees are in good condition with plenty of honey for winter needs. Rainfall about the 20th improved soil conditions in the eastern part of the State but much more rain is needed. Beekeepers are getting ready to pack. Extracting is about over, with the crop showing wide ranges in yield, though the total averaged normal or slightly above. Some colonies are reported in better condition than for years at this season of the year.

Nevada. Fall rains have been favorable for honey plants. Bees are in good condition, with plenty of stores. Honey is moving rapidly.

ARIZONA:

Light to soaking showers have been reported in the eastern and northern parts of the State. Bees are still working on cotton and goldenrod. They are bringing in pollen and have an average of three frames of brood to the colony. Scale colonies indicate that colonies have been losing weight for more than two weeks. However, they generally have an abundance of stores. Some beekeepers lost heavily as the result of cotton dusting. In the southeastern part of the State considerable feeding is reported necessary. Frequent inquiry reported for honey but little now remains unsold. A few sales Light Amber to Extra Light Amber Alfalfa reported in the Yuma District at \$6.35 - 6.50 per case of 120 pounds; Salt River Valley, \$6.25-6.35, mostly \$6.35 per case, with few sales f.o.b. cars at \$6.50 per case.

SOUTHWESTERN STATES:

Southcentral and Southwestern Texas. In spite of cool weather bees are still gathering a little honey on fair days from broomweed, bitterweed, yellow top and tievine; and some colonies are gathering more than enough for daily needs. Some areas have not yet had a killing frost. Often colonies have not built up as much as was expected. Sales reported White extracted, small pails Light Amber Cotton-Mesquite 8¢; Other Flowers 7-10 1/2¢ per lb.; bulk comb small pails, Light Cotton-Mesquite 11¢ per lb.

East Texas. During recent pleasant weather colonies have finished filling the broodchambers and some have even filled a shallow super in addition. A cold wave followed by rain has now stopped bee activity, but if the weather clears more nectar may be secured. Sales reported of extracted in small pails at 8-9 1/2¢ per lb.; bulk comb small pails 9-10 1/2¢ per lb.

SOUTHWESTERN STATES: (cont'd.)

Southeast Texas. Goldenrod bloom is about over, with many colonies still short of winter stores. Although this is the last source of nectar in many locations, in areas where asters are plentiful colonies can still secure enough honey for winter needs.

PLAINS AREA:

Red River Valley of Minnesota and North Dakota. Freezing weather accompanied by a light snowfall has occurred and has turned the attention of beekeepers to the task of getting their bees ready for winter. Some have already packed their colonies but hives intended for cellar wintering are still out of doors. Next year's honey plants are uncertain. Honey is moving fairly well, though much of it remains in the hands of beekeepers. Prices continue higher than a year ago. 1 car Water White Sweet Clover sold at 7¢ per lb.

South Dakota. Freezing weather has now occurred. Because of the extreme dryness sweet clover plants are in very poor condition and the 1937 prospects are not encouraging. Most colonies have an abundance of pollen and bees generally are in fair condition. Bees are about ready for placing in the cellar. Sales reported, White Sweet Clover, 60s 7¢, small pails 8¢ per lb.

Iowa. The weather has been cold, dry and windy, with only occasional days when bees could fly. Bees are being packed for winter and most colonies are in excellent condition with regard to both stores and abundance of bees. The ground is so dry that freezing weather will be hard on clover plants if rain does not fall soon. Honey is moving rapidly and much of the crop is now out of the hands of beekeepers. White Sweet Clover reported sold at 7½¢ per lb. Sales reported of beeswax at 21¢ per lb. for bright yellow.

Nebraska. The first general freeze of the season has occurred. The subsoil is still very dry, which is hard on honey plants. Stocks of honey are light. Few sales reported, small pails Light Amber Sweet Clover-Alfalfa 10¢ per lb. Beeswax, 22¢ per lb.

Kansas. Hard killing frosts have now occurred, ending the few fall plants still in bloom. The fall flow, however, was sufficient so that bees are generally going into winter quarters with sufficient food, though some colonies will require feeding next spring if they are to survive. A number of beekeepers are planning to let their bees starve, with the intention of replacing with packages in the spring. Broodrearing continued late. As in many areas honey plants dried out during the summer, numerous beekeepers are seeking favorable temporary locations for next season. Demand for honey is good but little is available from the season's short crop. Few sales reported 60s White extracted 9 - 10¢ per lb.; section comb \$3.75-4.00 per case.

Missouri. Heavy frosts have killed most of the flowers during the past two weeks, though a few asters and dandelions are still in bloom and are visited by the bees. Honey plants are getting in good shape for next season. Colonies generally have an abundance of bees and sufficient stores.

EAST CENTRAL AND NORTH CENTRAL STATES:

Michigan. The weather has been cold, with temperatures down to 18°. Colonies are being prepared for winter and considerable feeding is being required in spite of the late fall flow. Where goldenrod yielded well, however, some beekeepers report extracting goldenrod honey. The late rains have helped the clover seedings for next year. Considerable inquiry for honey is still reported and the market is generally firm, though in some areas it has weakened due to the attempt on the part of some beekeepers to unload their Amber honey rapidly. Sales reported large lots White Clover 7-7½¢ per lb., some low as 6½¢, 60s 7-8¢ per lb., small pails 9-10¢ per lb.; Light Amber 6-7¢ per lb. Comb honey is extremely scarce. Beeswax, 23¢ per lb.

Wisconsin. Most bees are now packed for winter except those that will be placed in cellars and which will go in during the next two weeks. Colonies generally are well supplied with honey for winter. Honey plants look well, especially in the lowlands, as there has been plenty of moisture, and given sufficient snow should winter in first-class condition. Most large lots of honey have now been sold, but honey is moving well in a retail way. Good demand reported for comb honey wrapped in cellophane. Sales reported large lot White extracted 6¢ with cans returned, few 60s 9¢, small pails 8-11¢, some low as 7¢ per lb.; Light Amber, 60s 5¢, small pails 8-9¢ per lb. No. 1 White Clover comb reported sold at \$3.00-4.00 per case, some at \$3.00 with cases returned, Fancy high as \$4.35.

Minnesota. Bees are going into winter quarters in good condition, and with feeding necessary only in occasional yards. Most colonies have now been packed for winter, and seem to have an abundance of young bees. The quality of this year's honey is reported excellent. Next year's prospects are irregular depending upon the condition of the young clover plants, but often they are in good shape. Inquiries for large lot sales have been numerous, but stocks are getting light. Sales reported, 1 car White extracted 6¼¢ per lb., 2 cars White to Water White 5 3/4¢, 1 car 6¢ per lb.; smaller lots 7-8¢, few low as 6 1/4¢ and few 9-10¢ per lb.; small pails 9-10¢ per lb. No. 1 White Clover comb has moved at \$3.50-4.30 per case, some low as \$2.40 per case. No. 1 light beeswax reported sold at 25¢ per lb.

EAST CENTRAL AND NORTH CENTRAL STATES:

Ohio, Indiana and Illinois. Killing frosts did not occur until October 24 in Ohio, though a little earlier in Illinois, but some favored areas report that bees are still gathering a little pollen and aster honey. Due to the extended fall flow bees are generally well supplied with stores, and especially in low areas a surplus has been taken from the heartsease, goldenrod and aster flow. Stores of pollen seem unusually abundant. Beekeepers are already packing for winter as weather permits. Clover seedings are spotted, and in many areas apprehension is felt concerning next year's clover because of the drouth which killed young seedings. The supply of young bees appears adequate and at least normal. Honey continues to move well and many commercial beekeepers are already sold out. The general price for large lots White to Water White extracted, including several carlots, is 7¢ per lb., though sales have been reported of ton lots or more from 6.4¢ to 8¢ per lb. with 60s at 8-8½¢ per lb.; small pails have generally ranged 9½-12¢ per lb.; Light Amber Mixed Flowers, large lot 5.8¢ per lb., 60s 7-9¢, small pails 10¢ per lb. Mixed Fall Flowers, 60s, 6¢ per lb. No. 1 White comb has brought \$2.88-3.60 per case, No. 2, \$2.25-2.38 per case. Beeswax has sold at the range of 20-25¢ per lb. Many beekeepers in this area are talking about expanding their activities next year through package bees, and are ordering packages for spring, building and repairing honey houses, etc.

NORTHEASTERN STATES:

New York. Continued warm weather, with frequent light rains and almost no killing frosts until recently except in the far northern counties, made the fall honey flow exceptionally heavy. Most colonies are heavy with stores and full of young bees, and are being packed for winter. Clover plants look well for this season of the year and have been helped by recent precipitation. Unfortunately, considerable honeydew honey has been gathered this fall and State officials are urging beekeepers to feed sugar syrup to correct the stores for both aster honey and honey dew. Beekeepers are busy packing, and the use of slaters' felt and other thin tar or asphalt papers is growing. Comb honey is already scarce and extracted is moving fairly well. The market is holding firm at prices substantially above those of a year ago. Sales reported, White Clover, 1 car 7 3/4¢ per lb., ton lots 7 3/4 - 8¢, 60s 9¢ per lb., Amber and Aster honey, large lots 7½¢ per lb.; Buckwheat, large lot 6½¢, 60s 8¢ per lb. Fancy White Clover comb, \$3.00-4.00 per case; No. 1 Buckwheat, \$3.25 per case; Buckwheat and Amber Mixed \$2.00 per case.

New Jersey. Nectar gathering is over for the season and bees were able to stock their hives quite well with late stores. Colonies are generally in good shape for winter. Few sales reported, extracted 60s, 9-11¢ per lb., small pails 13-15¢ per lb. Few cases comb honey, \$4.00 per case.

Pennsylvania. Bees are now being packed for winter and are in excellent condition. Clover plants look promising for next year. Honey is selling the best in several years and beekeepers are receiving inquiries direct from large buyers. Few sales reported, Buckwheat 60s, 7¢, Light Clover 8¢ per lb.

Connecticut. Bees are in good condition and are mostly packed for winter. Colonies in some sections are reported especially heavy in young bees. Honey is reported selling well.

Vermont. This year's crop ranges in different sections from slightly below to slightly above last year's. Sale of White comb honey reported at \$3.75 - 4.00 per case.

EASTERN ONTARIO.

Supplies of light-colored honey are coming in slowly but more liberal offerings are expected soon. Two cars of White extracted reported sold at 7½¢ per lb.

SOUTH ATLANTIC STATES:

Maryland. A killing frost on October 27 ended the honey flow for the year, though previously bees were working freely during mild weather. Fall dandelions may continue to furnish a little nectar if the weather warms up again.

Virginia. Bees as a whole are in fair condition for winter. Due to recent rainfall clover plants look well for next year. Little feeding is considered necessary as yards generally filled up fairly well on aster honey. Few sales reported of light-colored chunk comb, small pails 11¢ per lb. Beeswax, 23-24¢ per lb.

West Virginia. Bees are going into winter in good condition, with an abundance of honey and a large cluster of young bees. Both brood chambers and food chambers are full of winter stores, and some beekeepers took off a 30-pound surplus from fall honey. This year's crop of white to dark honey together is much above average.

North Carolina. Bees are in fairly good shape for winter, having built up well on ironweed and other late flowers. The final outcome of the crop appears to be better than was anticipated earlier in the season.

SOUTH ATLANTIC STATES: (cont'd.)

South Carolina. Aster plants are yielding a good deal of honey and the weather has been ideal for bees to work. In most hives the aster honey is being stored with bitterweed honey gathered earlier, making it impossible to take any of it off. Bees are expected to have an abundance of these stores for winter.

SOUTHEASTERN STATES:

Georgia. Taking advantage of the mild weather, bees have been working on Mexican clover and other fall blooms and securing considerable nectar. They will go into winter with an abundance of stores, leaving considerable late surplus honey to sell. More than half the crop has already been put on the market, and much of it has moved to points in North Carolina, Virginia, West Virginia, Kentucky and Tennessee. Sales of extracted honey reported in small pails at 7-8¢ per lb.

Florida. Bees are gathering nectar from wild sunflowers, and if the weather continues favorable a good surplus is in prospect. Honey is also coming in from occasional other late plants and much of it will be sold to the tourist trade. Fancy Tupelo reported sold, barrels 7¢, 60s 8¢, small pails 11½¢ per lb.; Other Flavors, small pails 7-8¢ per lb.; bulk comb glass jars 12¢ per lb.

Louisiana. During the favorable weather goldenrod, aster and smartweed have been yielding in some sections better than in any year since 1932, with snowvine yielding well in the lowlands. Several sections in the southern part of the State, however, report that the goldenrod honey flow was the poorest in years, amounting to hardly 10 pounds to the colony. Where the fall flow was poor and colonies are going into winter with a limited amount of honey, some feeding will be required before spring. Colonies are generally in excellent condition for winter and have an ample supply of food. Sales reported of Amber extracted, good flavor, at 4-5¢ per lb. in barrels, some large lots 60s around 4 5/8¢ per lb. Clean yellow beeswax has sold at 25¢ per lb.

PUERTO RICO:

Present indications are for a small crop this year. Prices are still low.

SUMMARY

Freezing weather has killed all nectar bearing plants in the upper portion of the country except occasional dandelions and asters, and bees in this section are subsisting on winter stores which, because of the exceptional fall flow, are usually adequate in volume if not in quality. Further South, bees are still working on late fall flowers which should furnish nectar and pollen for several more weeks. Broodrearing was carried on unusually late and most colonies are reasonably heavy in young bees. Next year's plant prospects are spotted. The late fall rains often did not come early enough to save the young white clover and sweet clover seedlings, and for that reason the outlook is uncertain. However, the condition of honey plants is much better than was anticipated during the summer. In the northern tier of States many colonies are now packed for winter, though bees which will be wintered in cellars have not yet been put away.

Although many carlots of honey have been reported sold during this two-week period, the movement of honey to market has been less heavy than during the previous six weeks. This is partly because in some sections many of the commercial beekeepers are already completely sold out and stocks are hardly available to take care even of anticipated nearby demands. Comb honey is even more scarce than is extracted honey, and especially in the West, where much comb honey has been bought up for shipment to Great Britain, supplies of comb honey are extremely light. Retail demand is reported good almost everywhere.

TELEGRAPHIC REPORTS FROM IMPORTANT MARKETS

Arrivals include receipts during preceding two weeks. Prices represent sales or current quotations, as secured from the original receivers. Market condition comments represent the opinion of the trade, and are for the last of October. Extracted quotations refer to the pound price of honey in 60-lb. cans; comb prices are for 24-section cases; and beeswax prices are on the pound basis, where not otherwise stated.

CLEVELAND: Arrivals, extracted 5,000 lbs. Ohio, 22,000 lbs. Mich. Supplies moderate. Demand slow, market dull.

EXTRACTED: MIDWESTERN, White Clover, 1-lb. jars per dozen, wholesale grocers' sales to retailers - \$1.85-1.95; brokers sales to large chain grocery and drug stores and to wholesalers - \$1.60-1.65.

BOSTON: Arrivals, comb, 40 cases N.Y., 10 cases Vt.; extracted, 19 bbls. Puerto Rico via New York City.

COMB: Supplies rather light. Demand moderate, market firm. Sales to jobbers and retailers- VERMONT, 20-section cases White Clover, No. 1, 12-14 oz. mostly 14 oz. \$3.25-3.75, mostly \$3.50. NEW YORK and VERMONT, White Clover, No. 1, 12-14 oz. mostly \$3.75-4.00, few \$4.25, some ordinary quality lower.

EXTRACTED: Demand fair, market steady. Sales to wholesalers and confectioners- CALIFORNIA, Extra Light Amber Sage and White Orange, and INTERMOUNTAIN REGION, White Sweet Clover, both 9½-10¢. NORTH DAKOTA, White Sweet Clover 9½-10¢. Sales to wholesalers and jobbers- NORTH DAKOTA, Sweet Clover, 5-lb. pails \$7.00-7.50 per doz.

CHICAGO: Arrivals: carlots- 1 car Ida., 2 cars Minn., 2 cars Utah, 1 car Wyo.; 1 c.l. 611 lbs. Minn., 3,958 lbs. Wis.; by truck 32,000 lbs. Ill., 46,000 lbs. Mich., 16,700 lbs. Minn., 2,500 lbs. Wis.

COMB: Supplies moderate. Demand moderate, market steady. Sales by receivers to retailers- ILLINOIS, WISCONSIN, MICHIGAN, cases White Clover, cellophane-wrapped, fancy, few sales \$3.25-3.50; No. 1, \$3.00-3.25, mostly around \$3.00, light weight \$2.65-2.90, few unwrapped \$2.50-2.75.

EXTRACTED: Supplies moderate. For Light Amber, demand good; for White demand slow; market steady. Sales to bakers and other large users in cases containing 2, 60-lb. cans- ARIZONA, Alfalfa, Light Amber to Extra Light Amber 7 1/8-7 1/4¢; White Mesquite, few sales 7 1/2¢. IDAHO, White Sweet Clover 7 1/4-7 1/2¢, few 7 3/4¢. ILLINOIS, MICHIGAN, MINNESOTA and WISCONSIN, Mixed Clovers White, few sales 7 1/2-7 3/4¢, few 8¢; Light Amber 7-7 1/4¢. IDAHO, 5-lb. pails White Clover \$5.50-5.75 per doz.; ILLINOIS, 5-lb. pails Mixed Clovers, White 45-50¢ per pail.

BEESWAX: Dealers paying 21-22¢, few 23¢ for country run stock delivered Chicago.

DENVER:

EXTRACTED: Sales by wholesalers to jobbers, bottlers and wholesale grocers- INTERMOUNTAIN, White to Water White Sweet Clover-Alfalfa \$4.15-4.25 per 60-lb. can. Sales by wholesale grocers to bakers and confectioners- White 9¢, Light Amber 8¢. Sales to retailers- INTERMOUNTAIN REGION, White to Water White Sweet Clover-Alfalfa, 10-lb. cans \$11.94 per doz., 5-lb. cans \$6.04 per doz.; Light Amber, 10-lb. cans \$10.20 per doz.; 5-lb. cans \$5.04 per doz.

BEESWAX: Dealers paying for beeswax f.o.b. Denver, 18¢ cash, 21¢ in trade.

DETROIT: Receipts by truck, extracted, 31,140 lbs. Mich., 3,330 lbs. Wisc., 600 lbs. Ohio, 3,000 lbs. Ind.; comb, 40 cases Ohio, 150 cases Mich.

EXTRACTED: Supplies rather liberal. Demand slow, market about steady. Sales by wholesale receivers to bottlers, bakers and confectioners- MICHIGAN, White Clover 8 1/2-9¢, mostly 8 1/2-8 3/4¢; Light Amber 8-8 1/2¢; 5-lb. pails Light Amber, sales to retailers- 45-50¢, mostly 47 1/2-50¢.

COMB: Offerings light. Demand light, market steady. Sales by receivers to retailers- MICHIGAN, White Clover cellophane-wrapped, very few sales No. 1, \$3.50-3.75.

KANSAS CITY:

COMB: Approximately 400 cases Minn. arrived. Supplies moderate. Demand moderate, market slightly weaker. Sales to wholesalers to retailers- MINNESOTA, White Clover U. S. No. 1, 14-oz. \$4.00, few \$3.85, 12-oz. \$3.65-3.75; 11-oz. \$3.60.

EXTRACTED: 1 car Ida. arrived. Supplies moderate. Demand moderate, market steady. Sales by large wholesalers to smaller wholesalers, bottlers and bakers- IDAHO, Sweet Clover, and MISSOURI, White Clover 8-8 1/2¢. IDAHO, Light Amber Alfalfa 7 3/4-8¢.

LOS ANGELES: Demand continued fair at generally unchanged prices.

EXTRACTED: Sales to retailers, bottlers, bakers and confectioners, liquefied basis- CALIFORNIA, Orange, Extra White to Water White 7 1/4-7 3/4¢; White 6 3/4-7¢; Buckwheat-Sage, Light Amber to Extra Light Amber 6-6 1/2¢; Alfalfa Light Amber to Extra Light Amber 6 1/4-6 3/4¢.

BEESWAX: Market continued firm with most wax bringing 21-22¢, some sales high as 22 1/2¢, delivered Los Angeles.

NEW YORK: 29,160 lbs. Calif. and 124 bbls. Puerto Rico, 99 cases Greece, 7 cases England, 2 cases Cuba arrived. Supplies light. Demand fair, market firm to about steady.

EXTRACTED: Sales by receivers to jobbers, bakers and manufacturers- CALIFORNIA, White Orange 9-10¢; Sage, Extra White 8 1/2-9 1/2¢, few 10¢; Extra Light Amber 8-8 1/2¢, Light Amber 7 1/2-8¢, mostly 8¢; Light Amber Alfalfa 7 1/2-8¢. NEW YORK, White Clover 9-10¢; Buckwheat 8 1/2-9¢. INTERMOUNTAIN REGION, White Sweet Clover and Alfalfa 8 1/2-10¢. PUERTO RICO, barrels originals 62¢ per gal., re-strained 70-75¢, one lot 80¢ per gal.

COMB: Sales to retailers- NEW YORK, White Clover, Fancy \$4.50; No. 1, \$4.00.

BEESWAX: 145 bags Honduras, 96 bags Mexico, 48 bags Egypt, 39 bags Cuba, 39 bags Puerto Rico arrived. Market firm. Sales by receivers- WEST INDIES and SOUTH AMERICA, Light 26 1/2-27¢, one lot 28¢; Medium 25-26¢, few 27¢; Dark 25-26¢.

PHILADELPHIA: 790 lbs. Ga., 43,916 lbs. Minn., 220 lbs. N.C., 1,200 lbs. Pa., 1,097 lbs. Wis.; previously unreported 52,220 lbs. Iowa.

EXTRACTED: Supplies moderate. Demand good, market steady. Brokers sales to jobbers, confectioners and wholesale grocers - ILLINOIS, blended White Sweet Clover and Basswood 60s, 9¢; 3-lb. jars \$4.25-4.50 per doz.; 5-lb. cans \$6.25-6.50 per doz.; 10-lb. cans \$13.00-13.50 per doz.; 1-lb. jars \$1.70-1.75. Sales by receivers to manufacturers, bakers and confectioners - PENNSYLVANIA and ILLINOIS, White Clover 9-10¢. CALIFORNIA, White Orange 9-10¢. PENNSYLVANIA and NEW JERSEY, Mixed Flowers 7-7½¢. PUERTO RICO, Light Amber in barrels 70¢ per gal.

COMB: Sales by receivers to retailers - PENNSYLVANIA, White Clover, cellophane-wrapped Fancy 14-15 oz. \$5.00, 12-13 oz. \$4.00-4.50.

BEESWAX: No receipts. Demand fair, market steady. Sales by receivers - SOUTHEASTERN, Yellow 28-30¢. AFRICA, Yellow 27½¢.

PITTSBURGH: Arrivals by rail and truck, comb 640 cases Mich.; extracted 8,000 lbs. Mich., 15,100 lbs. bottled Midwestern.

COMB: Demand slow, market about steady. Jobbers sales to retailers - MICHIGAN, White Clover, cellophane-wrapped, No. 1 \$4.00-4.15.

EXTRACTED: Supplies moderate. Demand moderate, market steady. Brokers' sales to jobbers, bakers' supply houses and large bakers - MICHIGAN, White Clover 8 1/4¢, Light Amber 7 3/4¢. MIDWESTERN, blended 1-lb. jars \$1.55-1.65, 14-oz. jars \$1.45, 5-lb. pails \$6.00-6.25 per doz.

PORTLAND: Receipts by truck: - Idaho, 11,225 lbs. extracted, 75 cases comb; Oregon, 9 tons extracted, 50 cases comb. Supplies moderate. Demand moderate, market firm, with prices slightly higher on some grades.

EXTRACTED: Sales to bakers, confectioners and retail grocers - IDAHO, Light Amber Alfalfa-Sweet Clover 6, 9-lb. tins \$4.60-4.85; 12, 5-lb. tins \$5.25-5.40; 24, 2½-lb. tins \$5.50-5.75; 48, 16-oz. jars \$6.35; 24, 17-oz. jars \$3.60-3.65. OREGON, White Clover and Extra White Fireweed, 12, 16-oz. jars \$1.80; 12, 32-oz. jars \$3.00; 12, 48-oz. jars \$4.20. CALIFORNIA, White Orange 60-lb. cans 10¢; Mixed Blends Amber to Light Amber 7½-8¢; White Orange 12, 16-oz. jars \$1.80; 12, 32-oz. jars \$3.00; 12, 48-oz. jars \$4.20.

COMB: Sales to retail grocers - IDAHO, White Sweet Clover-Alfalfa Fancy \$3.70-3.85, few \$4.00; Choice 12-oz. \$3.50-3.65, 10-oz. \$3.35-3.50. OREGON, White Sweet Clover-Alfalfa, cases Fancy 12-oz. \$3.50-3.60; Choice 10-oz. \$3.30-3.40.

BEESWAX: Receipts light and very few purchases made. Buyers offering 22¢ per lb.

ST. LOUIS: Receipts light. Demand slightly better, market dull.

EXTRACTED: Brokers' and jobbers' sales to bakers and candy makers - UTAH and CALIFORNIA, Sweet Clover and Alfalfa, White 9¢. CALIFORNIA, Sweet Clover Light Amber 6½-7¢. NORTHERN ILLINOIS, White Clover and Mixed Flowers Light Amber 7¢. INDIANA, White Clover Water White 8½¢. Commission merchants sales to retailers - SOUTHERN ILLINOIS, 16-oz. glass jars Mixed Flowers, Dark Amber \$1.50 per doz.

COMB: Sales to retailers - OHIO, Clover, Fancy, cellophane wrapped \$3.00. Dark Amber Mixed Flowers \$2.75 per case.

SAN FRANCISCO: Receipts of honey at San Francisco and Oakland since last report: By motor truck from Central California: 160 cases Alfalfa-Cotton, 12 cases Buckwheat, 34 cases Mixed Wild Flowers; from Northern California: 345 cases Thistle, 28 cases Mixed Flowers; Intermountain: 112 cases Clover-Alfalfa. Beeswax receipts for the period 3,700 pounds. Market dull with a marked decrease in sales of 5-lb. tins, but some increase in sales to manufacturers of holiday confections. Prices show little change from last report.

EXTRACTED: Sales in bulk by wholesale receivers to bottlers, bakers, confectioners, manufacturers, liquefied basis - CALIFORNIA, Star Thistle, Light Amber to Extra Light Amber 6½-7¢, Extra Light Amber to White 7¼-7½¢; Alfalfa-Bean and Alfalfa-Cotton, Light Amber to Extra Light Amber 6½-6¾¢; Mixed Flowers, Amber to Extra Light Amber 5¾-6¢. INTERMOUNTAIN - Clover-Alfalfa, White to Extra White 7½-7¾¢.

BEESWAX: Market firm with good yellow wax selling at 22-22½¢ per lb. f.o.b. Central and Northern California delivery points.

SEATTLE: Receipts via motor truck, 4,620 lbs. Wash. extracted, 25 cases comb; Idaho, 58,000 extracted, 388 cases comb. Exports to Canada 3,055 lbs. extracted. Supplies moderate.

COMB: Demand moderate, market about steady. Brokers' sales - IDAHO, Alfalfa-Sweet Clover, fancy 12-oz. \$3.40; 10-oz. \$2.90. Sales by wholesalers to retail grocers and other buyers - IDAHO, Alfalfa-Sweet Clover, Fancy 12-oz. \$3.50-3.80; 10-oz. \$3.25-3.50.

EXTRACTED: Demand moderate, market generally firm. Sales by wholesalers to retail grocers and other buyers - IDAHO, Alfalfa-Sweet Clover 12, 5-lb. tins Light Amber \$5.00, White \$5.25-5.40; 60-lb. cans Light Amber to White 7 - 7¾¢. WASHINGTON, Fireweed, 12, 5-lb. tins White \$5.85-5.90, Light Amber \$5.40-5.50; Mixed Flowers 12, 5-lb. pails \$4.80; Alfalfa-Sweet Clover 60-lb. cans 7-7½¢; Fireweed, 60s 7½-8¢. Sales by jobbers to manufacturers, bottlers, bakers and other buyers - IDAHO and WASHINGTON, Alfalfa-Sweet Clover, White mostly 7½¢, few 7¾¢, Light Amber 7¢, Amber 6½-6¾¢. Brokers sales - IDAHO, Alfalfa-Sweet Clover, White 6½¢ per lb. WASHINGTON, White Alfalfa 6-6½¢; Fireweed, White 6½-7¢.

CUBAN EXPORTS OF HONEY AND BEESWAX TO UNITED STATES

From Harold S. Fawell, American Consul, Habana, Cuba,
October 17, 1936.

During the first nine months of 1936 at Habana there were declared for export to the United States 112,180 pounds of honey valued at \$4,729, as compared with 11,281 pounds valued at \$976 during the corresponding period in 1935. Although this product was granted an exclusive preferential rate of \$0.012 a pound in the Trade Agreement with Cuba that became effective on September 3, 1934, the volume of exports to the United States has failed materially to increase. The largest exports to the United States during the past ten years, according to Cuban Government statistics totalled about 245,000 pounds, in 1927. Such exports amounted to less than one per cent of total exports, and in recent years the proportion has not been materially increased. Germany and Holland in each year continue to take from 75 per cent to 80 per cent of all Cuban exports of honey.

Declared exports of beeswax to the United States from Habana amounted to 253,466 pounds valued at \$62,107 during the first three quarters of 1936, against 364,660 pounds valued at \$73,176 during that period last year. During the entire year 1934, such exports amounted to 226,902 pounds valued at \$43,253. Unbleached beeswax enters the United States duty free and most of the exportable Cuban production is shipped to American markets.

EXPORTS OF HONEY FROM THE UNITED STATES DURING AUGUST, 1936

| | <u>Quantity, Pounds</u> | | <u>Quantity, Pounds</u> |
|-------------------------|-------------------------|--------------------------------------|-------------------------|
| Netherlands | 6,600 | British India | 2,948 |
| United Kingdom | 27,344 | British Malaya | 696 |
| Canada | 800 | China | 1,602 |
| Honduras | 48 | Netherland India | 2,230 |
| Nicaragua | 57 | Hong Kong | 413 |
| Mexico | 60 | Kwantung | 48 |
| Newfoundland & Labrador | 168 | Philippine Islands | 724 |
| Netherland West Indies | 576 | TOTAL AUGUST, 1936 | 44,314 |
| | | TOTAL AUGUST, 1935 | 54,526 |
| | | TOTAL EXPORTS JANUARY - AUGUST, 1936 | 521,902 |
| | | TOTAL EXPORTS JANUARY - AUGUST, 1935 | 467,877 |

IMPORTS OF HONEY INTO THE UNITED STATES DURING AUGUST, 1936

| | <u>Quantity, Pounds</u> |
|----------------|---|
| United Kingdom | 45 |
| Canada | 421 |
| Cuba | 6,386 |
| | TOTAL AUGUST, 1936 6,852 |
| | TOTAL AUGUST, 1935 2,871 |
| | TOTAL IMPORTS JANUARY - AUGUST, 1936 75,852 |
| | TOTAL IMPORTS JANUARY - AUGUST, 1935 32,282 |

SHIPMENTS OF HONEY TO THE UNITED STATES FROM PUERTO RICO & HAWAII for AUGUST, 1936.

| | <u>Quantity, Pounds</u> |
|-------------|-------------------------|
| Puerto Rico | 75,729 |
| Hawaii | 5,234 |

IMPORTS OF BEESWAX INTO THE UNITED STATES DURING AUGUST, 1936

| | <u>Quantity, Pounds</u> | | <u>Quantity, Pounds</u> |
|--------------------|-------------------------|---|-------------------------|
| Portugal | 22,962 | Chile | 2,172 |
| United Kingdom | 11,200 | Peru | 3,708 |
| Mexico | 39,013 | Egypt | 11,317 |
| Cuba | 30,036 | TOTAL AUGUST, 1936 | 189,162 |
| Dominican Republic | 42,403 | TOTAL AUGUST, 1935 | 310,346 |
| Brazil | 26,351 | | |
| | | TOTAL IMPORTS OF BEESWAX JANUARY - AUGUST, 1936 | 2,952,070 |
| | | TOTAL IMPORTS OF BEESWAX JANUARY - AUGUST, 1935 | 3,485,839 |

SHIPMENTS OF BEESWAX TO THE UNITED STATES FROM PUERTO RICO AND HAWAII for AUGUST, 1936.

| | <u>Quantity, Pounds</u> |
|-------------|-------------------------|
| Puerto Rico | 1,704 |
| Hawaii | 0 |

A.G. Black,
Chief of Bureau.

UNITED STATES DEPARTMENT OF AGRICULTURE
Bureau of Agricultural Economics

Telephone - District 6350,
Branch 2176.

Washington, D. C.
November 16, 1936.

SEMI-MONTHLY HONEY REPORT - NO. 444

INFORMATION FROM PRODUCING AREAS (First half of November)
(Prices generally refer to sales by beekeepers f.o.b. shipping
points except as otherwise noted.)

CALIFORNIA POINTS:

Southern California. Recent weather has been generally clear, with normal temperatures, but the abundant late October rains should bring along alfalfa and mustard earlier than usual. Winter stores are reported much below normal, and loss from starvation is expected to be substantial where feeding is not done. In some sections bees are working on pleasant days on occasional mustard, eucalyptus and wild sunflowers, but nectar-bearing plants are extremely scarce. Honey has been in light demand with the market barely steady to slightly weaker. The ship strike has caused a weaker market tendency, although little honey now remains in the hands of beekeepers. Sales by beekeepers, in ton lots or more, per lb. f.o.b. Southern California delivery points, range as follows: Orange, Extra White to Water White 6 3/4¢, White 6 1/2-6 5/8¢; Buckwheat-Sage, Extra Light Amber 5 5/8-5 3/4¢, Light Amber 5 3/8-5 5/8¢. The beeswax market is slightly stronger, with most wax bringing 21-22¢ per lb., few sales high as 23¢ per lb. delivered Los Angeles.

Central California. Temperatures continue well above normal for the season with warm, sunny days the rule. Rains have fallen in the San Joaquin Valley, but generally rainfall is below normal for the season. However, spring weeds are well advanced and very abundant. Bees are still working occasionally on eucalyptus and rabbit brush. Colonies are going into winter with more honey than usual and are strong in young bees, with broodrearing about over. The pollen supply is reported good. Extracting of blue curl is about over, with averages reported ranging from 15 to 30 pounds, and with honey from the better blue curl sections white in color. The cotton crop was very irregular, ranging in different sections from 25 to 60 pounds to the colony, and with a larger total output of cotton honey than for some years past. Most of the cotton honey grades Light Amber to Extra Light Amber and has a heavy body. The lima bean flow was also irregular, ranging 25 to 90 pounds of Extra Light Amber to White honey. A few areas, however, report no lima bean flow because of unfavorable weather conditions. The honey market has been dull, with strike conditions responsible to considerable extent for the slow trading. The tie-up in shipping has stopped export movement, and the strike of warehousemen has halted distribution through the wholesale grocers to the local retail trade. Growers are offering honey more freely but dealers are buying in limited quantities as they experience difficulty in moving the honey that they have, and the market is therefore weaker. Sales by beekeepers in ton lots or more, f.o.b. Central California delivery points, range per lb. as follows: Light Amber Cotton-Alfalfa 5-5 1/4¢, White to Water White Orange 6 1/4-6 1/2¢; Blue Curl 5-5 1/4¢; Amber to Light Amber Mixed Flowers 4 1/2-4 3/4¢.

Northern California. Warm, sunny weather has continued, with limited rainfall. Very few nectar-bearing plants remain for bees to work on, and brood-rearing has about stopped. Rain is badly needed to start the annual winter vegetation as in some areas plants are showing the effects of the lack of rain. The market has been generally quiet, though a few buyers are reported showing interest in purchasing honey at this time. Prices are holding firm as little honey still remains in the hands of beekeepers. Bees are generally in good condition for winter with plenty of young bees and with sufficient stores. Sales by beekeepers in ton lots or more, f.o.b. Northern California delivery points, follow, per lb.: Star Thistle, Extra Light Amber to White 5 3/4-6¢, Light Amber to Extra Light Amber 4 3/4-5¢, some up to 5 1/2¢; Extra Light Amber Blue Curl 5 1/2¢; Extra Light Amber Alfalfa 5 1/2¢.

The market for beeswax has held steady, with good yellow wax selling at 22-22 1/2¢ per lb., f.o.b. Central and Northern California delivery points.

PACIFIC NORTHWEST:

West of Cascades. Some rain has fallen along the Washington Coast, but less in Western Oregon where there has not been enough rain generally to start the vetch or mustard plants, though in some vetch fields partial germination is reported. Bees are in fine shape, with ample stores except that some colonies are short of pollen, though other areas report the best supply of pollen in years. Few sales reported, Light Amber Fireweed 5 1/2-6 1/4¢ per lb.; Mixed Flowers, Light Amber to White, ton lots 6¢ per lb., small pails 8-9¢. Comb honey, \$3.00-3.50 per case.

PACIFIC NORTHWEST (Continued)

East of Cascades. In the Yakima Valley temperatures have been below normal and bees have been kept in the hives much of the time. However, they are in excellent condition for winter as to bees and stores. Extracting is about over and the crop is moving rather rapidly at prices about on last year's level. White Alfalfa-Sweet Clover has sold in large lots at 5 3/4-6¢ per lb., cans furnished, small pails 8-8 1/2¢; Light Amber 60s 6 2/3¢, small pails 8¢ per lb. No. 2 comb honey, \$2.50 per case. Beeswax, 23¢ per lb. In the Umatilla Valley there has been little rainfall this fall, - insufficient to start seeding. Wild buckwheat flow was good before the flowers became frozen. Winter stores are generally ample and bees are in fully normal condition. Sales reported, White to Light Amber Alfalfa-Sweet Clover 6-7¢ per lb.; Mixed Flowers, small pails 7 1/2¢ per lb.

INTERMOUNTAIN REGION:

With much of the crop sold, the movement of honey has been less during the past two or three weeks than earlier in the season. Considerable inquiry is still reported for both honey and beeswax, however, although the demand is lighter. Remaining lots are generally in strong hands. Some beekeepers are now already buying from others to take care of their customers. Comb honey is in extremely light supply. Carlot sales of White to Water White Sweet Clover-Alfalfa reported at 5 7/8¢, 6 1/4¢, and 6 1/2¢ per lb., with one car White 5.4¢ per lb.; one car Mixed Grades 6 1/2¢ per lb.; less carlots, Water White 6-6 1/2¢ per lb., White to Extra White 5 1/2-6¢, with some uncased at 6¢; 60s 6-8¢, small pails 7 1/4-9¢; few 10¢; Light Amber, one large car 5 1/2¢ per lb., Extra Light Amber, ton lots 5 1/4-5 1/3¢ per lb. White bulk comb has brought 9-9 1/2¢ per lb. Few sales No. 1 and fancy White comb \$2.75-3.25 per case, choice \$2.60-2.75. Beeswax, 18-21¢, choice yellow 23¢ per lb. Details by States follow:

Colorado. Cold weather, with snow, has come to the entire State and beekeepers are pleased at the prospect because the early snow provides late water to aid next year's honey crop. Due to the moisture of the past two months the soil is in better winter condition than for several years. Colonies are in good shape though many in the eastern part of the State will have to be fed if they are to survive.

Wyoming. As the result of recent rain and snow the ground is thoroughly soaked, providing better conditions for honey plants than usual. Bees are going into winter in fairly good shape. Extracting is now about over. The snow cover in some sections amounts now to about 12 inches, or more than the total snowfall for several years past.

Montana. It has been unseasonably cold, but the ground is generally dry and unfrozen under a snowfall of one to ten inches. Bees are packed except those that will be placed in cellars. Two periods of subzero weather forced them into winter clusters, but toward the close they were able to fly. They are generally in good condition for winter. Only small amounts of honey remain in the hands of beekeepers. On dry land young sweet clover plants have died, but in irrigated areas the honey plants are in good condition. Stores are generally adequate for a winter of normal length.

Idaho. Precipitation has been light and scattered and honey plants are badly in need of moisture before going into winter. Practically no moisture reported so far in the watersheds. Bees are now being packed for winter. Although some beekeepers are feeding quite heavily to insure winter stores most beekeepers are finding stores reasonably adequate.

Utah. The weather has been steadily cold, with snow flurries reported, and bees have been quiet. They have been generally packed for winter. Bees going into the cellars will be put away in about a week.

Nevada. The weather has been cold and fair, but with a normal snowfall there should be ample water for another year as there was a large holdover of storage water in most districts. Bees are now being packed for winter.

ARIZONA:

Temperatures have been slightly below normal for this time of the year, with freezing reported early in the month. south to southeastern Arizona. Although bees are still bringing in pollen, scale colonies are losing weight. The honey market is quiet. Few sales Light Amber to Extra Light Amber Alfalfa reported in the Salt River Valley at \$6.25-6.35 per case of 120 pounds, with most honey being held for higher prices.

SOUTHWESTERN STATES:

Southcentral and Southwestern Texas. Bees continued to work during the early portion of this period, until the first frost killed most remaining plants. Up to that time bees were working on tievine and broomweed. Colonies are still feeling the effects of poison on cotton plants which destroyed some of the bees. Bees are going into winter with large amounts of stores and a fine supply of worker bees. The honey plants are in excellent condition and the fall rains have made a better than normal season in the soil. Extracted honey has sold in small pails at 7-8¢ per lb.; bulk comb Mesquite and Cotton 10¢ per lb.

SOUTHWESTERN STATES (Continued)

East Texas. Aster blooms were plentiful and were worked well by the bees when they were not kept in the hives by cold, rainy weather. Sufficient honey was stored so that most colonies are going into winter with ample stores. Frost came earlier than usual, and most blooms have now been killed. Package bee orders are being booked. Sales reported, extracted, small pails 7 1/2-8 1/2¢ per lb.; bulk comb, 1-lb. glass jars \$1.90 per dozen.

West Texas. A heavy frost has put an end to the nectar flow. Early spring plants have already made a good growth, however, suggesting the possibility of an early start next spring. Prices are appreciably higher than they were a year ago.

PLAINS AREA:

Red River Valley of Minnesota and North Dakota. Sub-zero weather has caused beekeepers who winter in cellars to move their hives in. Colonies wintered out-doors were protected for the most part before the extreme cold weather. Little rain fell before the freezing of the soil and the moisture deficiency is rather serious in its effect on honey plants, lessening the outlook for next season. Colonies went into winter quarters in fairly good condition from the standpoint of young bees and food stores. Seven carlots White Sweet Clover 5 1/2¢ per lb. with cans and cases returned, ton lots 7 1/2¢ per lb., small pails 9 1/2¢ per lb. Light-colored beeswax, 21 1/2¢ per lb.

South Dakota. Below-zero weather, following light fall rains, is hard on remaining clover plants, which are generally in poor condition. Snow has fallen in the upper portion of the State. Honey is moving rather slowly, with little available.

Iowa. With zero temperature and some snow, winter weather has arrived. Most bees have been packed for outside-wintering, and cellar-wintered bees are also being moved in. Colonies generally have ample stores and an adequate number of young bees. As clover seedings were killed by the drouth in many sections, a number of beekeepers are already planning to move their colonies next season to more favorable locations. Honey is moving rapidly and little now remains in the hands of the beekeepers. Sales reported, White extracted 6 1/2-6 3/4¢, including some without cases, small pails 8-9¢ per lb. Beeswax, 22-22 1/2¢ per lb.

Nebraska. Prospects for next year are not encouraging because of the drying out of honey plants by drouth and the lack of moisture in the soil. Temperatures have fallen below zero, with snow cover only in the western part of the State. Winter stores are generally adequate because of the good fall flow. Bees are being placed in cellars, with outdoor-wintered bees all packed.

Kansas. Except during extreme cold weather, bees have been able to fly during the middle of the day and have been gathering pollen from dandelions. Soil moisture conditions are below normal and rain is needed. Both Dutch clover and sweet clover plants are expected to be scarce next year, curtailing 1937 crop prospects. Bees are generally in good shape for winter, with plenty of stores and young bees. Few sales reported, White extracted, 60s 8-10¢ per lb.

EAST CENTRAL AND NORTH CENTRAL STATES:

Michigan. The weather has been colder than normal, with some rain, but beekeepers have managed to get most of their bees fed and packed for winter. Most colonies had sufficient stores, however, and did not require any feeding. Most colonies also have an abundance of young bees. Although little honey remains unsold the market appears to be a little weaker, with many beekeepers endeavoring to dispose of their honey. Comb honey is very scarce. Sales reported ton lots or more White extracted 6 2/3-7 1/2¢, few 8¢, including one car at 7¢ per lb.; small pails 9-10¢, Extra Light Amber, large lot 6 1/2¢ per lb. Comb honey has moved at \$2.50-3.50; light-colored beeswax 24-25¢ per lb.

Wisconsin. Bees are able to fly on occasional warm days but generally it is too cold for them to be out of the hives. In fact, most bees are inside at this time or in packing cases. Many beekeepers are using top entrance hives this season for the first time. Next year's honey plants look favorable, due to the abundance of moisture during recent weeks. Many colonies are short of winter stores. Honey buyers continue active, and some local jobbers are already buying from outside the State because of the scarcity of Wisconsin honey. Sales reported, large lots White extracted 7-7 1/2¢ per lb., some with cans furnished or returned; 60s 8-9 1/2¢, some with containers returned; small pails 8 1/3-10¢ per lb. No. 1 White comb reported sold at \$3.25-4.00 per case, Fancy \$4.25, ungraded \$2.75, with little comb available. Beeswax, 18-19¢ per lb. in cash, 20-22¢ in trade.

Minnesota. Record-breaking cold days have alternated with milder weather. However, bees are generally prepared for winter, with most colonies this year being wintered outside. The condition of honey plants is irregular. Colonies are generally in good condition, with ample stores and young bees. Sales reported White extracted, 60s 8¢ per lb., few higher, small pails 9-10¢ per lb. No. 1 comb honey, \$3.60-4.00 per case; Fancy \$4.30 per case.

EAST CENTRAL AND NORTH CENTRAL STATES (Continued)

Ohio, Indiana and Illinois. Outside packing of bees is now about completed. Most colonies have an ample supply of winter food and are strong in young bees. Some colonies, in fact, still have brood in the hives. Ohio especially reports that the ground is well soaked with water, with sweet clover plants looking well; and white and alsike seedings have improved during the fall where they survived the summer drouth. White clover plants do not look as well in Indiana and Illinois as in Ohio. Some beekeepers are planning to increase materially next season due to the stronger demand and the higher prices of honey. Demand for extracted honey does not seem to be as brisk as that of a few weeks ago, but some areas have completely sold out and with the increased demand generally beekeepers are looking for an early clean-up of the crop. Sales reported, White extracted ton lots White to Extra White 6 1/2-7 1/2¢, few 8-9¢ and few 6¢, several carlots 7¢ per lb., some uncased; 60s 7-10¢, small pails 9-10¢ per lb.; Buckwheat, 60s 5 1/2-6¢; Buckwheat-Goldenrod 5.6-5.8¢ per lb.; Light Amber Clover 6 1/2¢; Mixed Amber 5 1/2-6¢; some Dark 5 1/2¢ per lb. Comb honey reported sold at wide price ranges, mostly \$2.85-3.25 for No. 1, few up to \$3.80, some unwrapped \$2.50 per case. Beeswax, 19-25¢ per lb. according to color and method of sale.

NORTHEASTERN STATES:

New York. Milder weather toward the close of this period permitted bees to fly and beekeepers are getting them ready for cellars. Those that are to be wintered outdoors about all packed. Generally they are heavy in bees and have adequate stores. From three to ten inches of snow has fallen over much of the State, and this moisture with the rains that fell during the fall, gave the top soil an abundance of moisture. Honey is selling fairly well, with little remaining in the hands of the beekeepers. Sales reported, ton lots White extracted 8-8 3/4¢, 60s 9¢, small pails 11¢ per lb.; Extra Light Amber, large lots 7 1/4¢ per lb. Buckwheat, ton lots 6 3/4¢ with cases returned, 60s 8¢ per lb.

Pennsylvania. Bees are mostly packed for winter. Colonies generally are heavy in stores and have plenty of young bees. Recent rains have soaked the ground thoroughly and clover plants look well for next year. Honey is selling well. Sales reported, White extracted, 60s 8-9¢ per lb., few 10¢; Amber 5 1/2-8¢ per lb.; Buckwheat 60s 7-8¢, few 9¢ per lb. Clover or Buckwheat. wrapped comb \$3.60 per case.

New Jersey. The weather has alternated warm and cold with occasional light rain, and bees are being packed for winter. Sales reported Mixed Flowers, large lots, 60s 7 1/2¢ per lb., small pails 11¢ per lb. Clover-Sumac comb, \$4.32 per case.

Connecticut. Due to the late fall bees are in good condition for winter with ample stores and an adequate supply of young bees. Honey plants are in good condition for next year, following the first frost of the season. Colonies are now all packed or shielded ready for cold weather. Honey is selling better than usual.

SOUTH ATLANTIC STATES:

Maryland. With the exception of a few days the weather has been warm, and bees and honey plants are in good condition. Clovers look promising for next year. Demand for honey is better than a year ago, and honey is selling more rapidly. Dark Tulip Tree honey reported sold at 7¢ per lb.

West Virginia. Bees are being packed for winter. Commercial beekeepers generally have an abundance of honey in the food chamber and colonies are well stocked with young bees. Cold weather reported on a few occasions.

South Carolina. It has been mild, with occasional rain keeping bees in the hives. Little demand reported for honey.

SOUTHEASTERN STATES:

Georgia. All honey flows are now over. The Mexican clover flow was rather short on account of cool, rainy weather for two weeks during the main flow, but some surplus was stored and often a 30-pound average. The brood nest surrounded by an abundance of sealed stores assures good wintering. Small buyers are still active and a fair volume of sales is reported. Small pails extracted are selling at 6-7¢ per lb., chunk 8-9¢ per lb.

Florida. Bees are in good shape for the winter season. The fall crop is over, with a smaller yield than anticipated. Amber extracted in small pails reported sold at 7 1/2¢ per lb.

Alabama. Owing to dry weather the aster flow did not come up to expectations. Colonies are heavy with bees, and many in the clover belt, are short of winter stores. Sales reported, extracted, barrels 6 1/2¢ per lb., 60s 7-8¢ per lb.

Louisiana. The honey flow is over for the season, and broodrearing is nearly over. Shippers of package bees are already receiving inquiries about 1937 orders. An increasing amount of interest is reported on the part of northern beekeepers in obtaining locations for beekeeping in the South, thus producing package bees for adding to their colonies, and shipping them north in time for the honey flow. Bees are in good condition for the winter season.

HAWAII: (See Page 7.)

MEB

- continued -

SUMMARY

Extremely cold weather, with sub-normal temperatures carrying the thermometer below zero, from upper Minnesota west to Montana, have alternated with mild weather during which bees were able to fly during a portion of the time. Early snows cover the ground in Colorado, Wyoming and other western States and the Clover Belt reports adequate moisture. In much of the Plains Area, however, lack of moisture is sending honey plants into the winter in poor condition. Bees generally have adequate winter stores as a result of the long fall flow, and also a sufficient number of young bees following the late brood-rearing. Sweet clover plants should come through the winter satisfactorily, but white clover and alsike seedlings were often killed by the drought, though remaining plants were greatly aided by the late rains. Packing of bees for winter is about over in the Northern States, and colonies are being placed in the cellars.

The carlot movement of honey continues, though less actively than earlier in the season, partly because large users bought heavily at the start and sharply lessened the available supplies in some areas. Some beekeepers who sold out too completely are already buying from others to take care of their normal trade. Comb honey is in extremely short supply, especially in the West, and demand for comb is good. Many commercial beekeepers, especially in the Clover Belt, are talking about increasing their colonies of bees next year, and some are arranging to raise their own package bees in the South this winter.

TELEGRAPHIC REPORTS FROM IMPORTANT MARKETS

Arrivals include receipts during preceding two weeks.

Prices represent sales or current quotations, as secured from the original receivers. Market condition comments represent the opinion of the trade, and are for middle of November.

Extracted quotations refer to the pound price of honey in 60-lb. cans; comb prices are for 24-section cases; and beeswax prices are on the pound basis, where not otherwise stated.

BOSTON: Arrivals, comb, 28 cases N.Y.; extracted, 2 cases N.Y., 9 bbls. Puerto Rico via New York City.

COMB: Supplies light. Demand moderate, market about steady. Sales to jobbers and retailers- VERMONT, 20-section cases White Clover, No. 1, 12-14 oz. mostly 14-oz., mostly \$3.25-3.50, few higher. NEW YORK and VERMONT, White Clover No. 1 12-14 oz. \$3.75-4.00, mostly \$4.00, few \$4.25, few ordinary quality lower.

EXTRACTED: Demand moderate, market about steady. Sales to wholesalers and confectioners - CALIFORNIA, Extra Light Amber Sage and White Orange, and INTERMOUNTAIN REGION, White Sweet Clover 9 1/2-10¢. NORTH DAKOTA, White Sweet Clover 9 1/2-10¢. Sales to wholesalers and jobbers - NORTH DAKOTA, Sweet Clover 5-lb. pails \$7.00-7.50 per doz. NEW YORK, White Clover 2 1/2 lb. cans 35¢, 5-lb. cans 65¢.

CHICAGO: Arrivals, in carlots, 1 car Ida, 2 cars Minn.; 1 c.l. 318 lbs. Calif., 375 lbs. Ida., 1,673 lbs. Ill., 150 lbs. Utah, 5,467 lbs. Wis.; by truck, 24,360 lbs. Ill., 2,000 lbs. Ind., 4,000 lbs. Iowa, 50,760 lbs. Mich., 3,000 lbs. Wis.

COMB: Supplies moderate. Demand moderate, market steady. Sales by receivers to retailers- ILLINOIS, WISCONSIN, MICHIGAN, MINNESOTA, cases White Clover, cellophane-wrapped, fancy, heavy weight \$3.25-3.50; No. 1, \$3.00-3.25, unwrapped \$2.50-2.75, some light weight \$2.25.

EXTRACTED: Supplies moderate. Demand light for Light Amber, demand very slow for White; market slightly weaker. Sales to bakers and other large users in cases containing 2, 60-lb. cans- ARIZONA, Alfalfa, Light to Extra Light Amber, few sales 7 1/8-7 1/4¢; White Mesquite very few sales 7 1/2¢. ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA and WISCONSIN, Mixed Clovers White, few sales 7 1/4-7 1/2¢, few small lots higher, Light Amber 6 1/2-7¢. ILLINOIS, 5-lb. pails Mixed Clovers White 45-50¢ per pail.

BEESWAX: Dealers paying 21-23¢ for country run stock delivered Chicago.

CLEVELAND: Arrivals, extracted, 10,000 lbs. Mich., 2,000 lbs. Iowa, 9,080 lbs. Ohio. Supplies moderate. Demand slow, market dull.

EXTRACTED: MIDWESTERN, White Clover, 1-lb. jars per dozen, wholesale grocers' sales to retailers- \$1.85-1.95; brokers sales to large chain grocery and drug stores and to wholesalers \$1.60-1.65. Wholesalers and brokers sales to bakers- 60-lb. cans few sales, MICHIGAN and OHIO, White Clover 8-9¢; UTAH, White Sweet Clover-Alfalfa 9 1/4¢.

DENVER: Offerings moderate. Demand moderate, market steady.

EXTRACTED: Sales by wholesalers to jobbers, bottlers and wholesale grocers- INTERMOUNTAIN, White to Water White Sweet Clover-Alfalfa \$4.15-4.25 per 60-lb. can. Sales by wholesale grocers to bakers and confectioners- White 9¢, Light Amber 8¢. Sales to retailers- INTERMOUNTAIN REGION, White to Water White Sweet Clover-Alfalfa, 10-lb. cans \$11.94 per doz., 5-lb. cans \$6.04 per doz.; Light Amber, 10-lb. cans \$10.20 per doz.; 5-lb. cans \$5.04 per doz.

COMB: Offerings light. Sales to retailers- COLORADO, White Sweet Clover-Alfalfa, choice \$3.25-3.45, fancy \$3.50-3.70.

BEESWAX: Dealers paying producers 19-20¢ cash, 21¢ trade, delivered Denver.

DETROIT: Receipts by truck, extracted 720 lbs. Ill., 11,000 lbs. Mich., 600 lbs. Wis.

EXTRACTED: Supplies rather liberal. Demand slow, market steady. Sales by wholesale receivers to bottlers, bakers and confectioners- MICHIGAN, White Clover 8 1/2-9¢, mostly 8 1/2-3 3/4¢, Light Amber 8-8 1/2¢; few small lots both colors higher. Sales to retailers- 5-lb. pails 45-50¢.

COMB: Offerings light. Demand light, market steady. Sales by receivers to retailers- MICHIGAN, White Clover, No. 1, cellophane-wrapped very few sales \$3.50-3.75, few higher and lower.

LOS ANGELES: Demand rather light.

EXTRACTED: Sales to retailers, bottlers, bakers and confectioners, liquefied basis- CALIFORNIA, Orange, Extra White to Water White 7 1/4-7 3/4¢, White 6 3/4¢-7¢; Buckwheat-Sage, Light Amber to Extra Light Amber 6-6 1/2¢; Alfalfa, Light Amber to Extra Light Amber 6 1/4-6 3/4¢.

BEESWAX: Market slightly stronger with most wax bringing beekeepers 21-22¢ delivered Los Angeles, few sales high as 23¢.

NEW YORK: 124,065 lbs. Calif., 36 bbls. Puerto Rico; 21 cases Greece, 4 cases Guatemala arrived. Supplies rather moderate. Demand light, market steady.

EXTRACTED: Sales by receivers to jobbers, bakers and manufacturers- CALIFORNIA, White Orange 9-10¢; Sage, Extra White 8 1/2-9 1/2¢, few 10¢; Extra Light Amber 8-8 1/2¢, Light Amber 7 1/2-8¢, mostly 8¢; Light Amber Alfalfa 7 1/2-8¢. NEW YORK, White Clover 9-10¢; Buckwheat 8 1/2-9¢. INTERMOUNTAIN REGION, White Sweet Clover and Alfalfa, few sales 8 1/2-10¢. PUERTO RICO, barrels, original 62-64¢; re-strained 70-75¢ per gal., small lots high as 80¢ per gal.

COMB: Sales to retailers- NEW YORK, White Clover, Fancy mostly \$4.50; No. 1, mostly \$4.00.

BEESWAX: 335 bags Portugal, 100 bags Brazil, 53 bags Mexico, 32 bags Egypt, 30 bags Cuba, 24 bags Dominican Republic arrived. Market steady. Sales by receivers- WEST INDIES and SOUTH AMERICA, Light 26 1/2-27¢, small lots high as 28¢, Medium 25-26¢, small lots 27¢, Dark 25-26¢.

PHILADELPHIA: 3,000 lbs. Calif., 896 lbs. Ga., 39,200 lbs. Iowa, 36,000 lbs. Minn., 3,000 lbs. Pa., 3,346 lbs. Wis. extracted, and 50 cases Pa. comb arrived.

EXTRACTED: Supplies moderate. Demand fair, market about steady. Brokers sales to jobbers, confectioners and wholesale grocers- ILLINOIS, blended White Sweet Clover and Basswood 60s, 9¢; 3-lb. jars \$4.25-4.50 per doz.; 5-lb. cans \$6.25-6.50 per doz.; 10-lb. cans \$13.00-13.50 per doz.; 1-lb. jars \$1.70-1.75. doz. Sales by receivers to manufacturers, bakers and wholesale grocers- PENNSYLVANIA, White Clover 8 1/2¢. CALIFORNIA, Amber Alfalfa 7 1/2¢; 5-lb. cans Light Orange Blossom, fine quality \$8.00 per doz.

COMB: Sales by receivers to retailers- PENNSYLVANIA, White Clover, cellophane-wrapped, Fancy mostly around \$4.50, few poorer \$3.00 per case.

BEESWAX: No receipts. Demand slow, market steady. Sales by receivers- SOUTHEASTERN, Yellow 28-30¢. AFRICA, Yellow 27 1/2¢.

PITTSBURGH: Arrivals by rail and truck, comb 450 cases Mich.; extracted, 13,000 lb. Mich., 13,500 lb. bottled Midwestern.

COMB: Demand slow, market steady. Jobbers sales to retailers- MICHIGAN, White Clover, cellophane-wrapped No. 1, \$4.00-4.15.

EXTRACTED: Supplies moderate. Demand good, market steady. Brokers' sales to jobbers, bakers' supply houses and large bakers- MICHIGAN, White Clover 8 1/4-8 1/2¢, Light Amber 7 3/4¢. MIDWESTERN, blended 1-lb. jars \$1.55-1.65 per doz., 14-oz. jars \$1.45-1.50 per doz., 5-lb. pails \$6.00-6.25 per doz.

PORTLAND: Receipts by truck, extracted- Oregon 4 tons Alfalfa-Clover, and 3,600 lbs. Fireweed. Supplies of extracted light; supplies of comb very light. Market firm.

EXTRACTED: Sales to bakers, confectioners and retail grocers- IDAHO, Sweet Clover-Alfalfa, Light Amber to Extra Light Amber, 12, 5-lb. pails \$5.10-5.25; 24, 2 1/2-lb. \$5.40; 6, 9-lb. pails \$4.75-4.85; 48, 16-oz. jars \$6.35; White 5-gal. cans 8¢ per lb. OREGON, White Clover-Alfalfa blended 12, 5-lb. pails \$5.85; 12, 48-oz. jars \$4.15-4.20; 12, 24-oz. jars \$2.40; 12, 16-oz. jars \$1.65; 12, 8-oz. jars 95¢-\$1.00; 12, 5-oz. jars 85¢; White Fireweed, 12, 5-lb. pails \$5.70, 12, 24-oz. jars \$2.40-2.50; 12, 16-oz. jars \$1.85; 24, 8-oz. jars \$1.25; 5 gal. cans White Fireweed 6 1/2-7¢ per lb., Extra Light Amber 6¢. CALIFORNIA, White Orange, 60-lb. cans 10¢; Mixed Blends, Amber to Light Amber 7 1/2-8¢; White Orange 12, 16-oz. jars \$1.80.

COMB: Sales to retail grocers- OREGON, cases, White Sweet Clover-Alfalfa, Fancy 12-oz. \$3.50-3.75, 10-oz. \$3.30-3.50.

ST. LOUIS: Receipts light. Demand moderate, market dull.

EXTRACTED: Brokers and jobbers sales to bakers and candy makers- UTAH and CALIFORNIA, Sweet Clover and Alfalfa White 9¢. CALIFORNIA, Light Amber Sweet Clover 6 1/2-7¢. NORTHERN ILLINOIS and IOWA, White Clover and Mixed Flowers Light Amber 7¢. INDIANA, White Clover, Water White 8 1/2¢.

COMB: Sales by commission merchants to retailers- OHIO, Clover, Fancy cellophane-wrapped \$3.00, Dark Amber Mixed Flowers \$2.75.

SAN FRANCISCO: Receipts of honey at San Francisco and Oakland via motor truck from Central California, 110 cases Cotton-Alfalfa, 30 cases Orange; from Northern California, 207 cases Star Thistle, 54 cases Mixed Wild Flowers; from Idaho, 100 cases Sweet Clover-Alfalfa. Beeswax receipts for the period - 1,500 lbs.

Trading was very light on the market with strike conditions interfering with movement through retail channels.

EXTRACTED: Sales in bulk by wholesale receivers to bottlers, bakers, confectioners, manufacturers, liquefied basis- CALIFORNIA, Star Thistle, Light Amber to Extra Light Amber 6 1/2-7¢, Extra Light Amber to White 7-7 1/4¢; Alfalfa-Cotton, Light Amber to Extra Light Amber 6 1/4-6 1/2¢. INTERMOUNTAIN REGION, Clover-Alfalfa, White to Extra White 7 1/2-7 3/4¢.

BEESWAX: Market held steady with good Yellow wax selling at 22-22 1/2¢ per lb. f.o.b. Central and Northern California delivery points.

SEATTLE: Honey receipts via motor truck- Washington, 20, 740 lbs. extracted, 25 cases comb; Idaho, 114,660 lbs. extracted, 51 cases comb. Exports none.

COMB: Supplies rather light. Demand moderate, market slightly stronger. Sales by wholesalers to retail grocers and other buyers- IDAHO, cases Alfalfa-Sweet Clover, Fancy 12-oz. \$3.80-3.90; Choice 11-12oz. \$3.50-3.75. WASHINGTON, Alfalfa-Sweet Clover, Fancy 12-oz. \$3.75, Choice 11-oz. \$3.40-3.50.

EXTRACTED: Supplies moderate. Demand moderate, market generally firm. Sales by wholesalers to retail grocers and other buyers- IDAHO, Alfalfa-Sweet Clover, mostly Light Amber, 12, 5-lb. tins \$5.00; 24, 2 1/2 lb. tins \$5.25; 24, 16-oz. jars \$3.65; 60-lb. cans 7 1/2¢ per lb. WASHINGTON, 12, 5-lb. tins Fireweed, Light Amber \$5.25-5.50, White \$5.85-5.90; Mixed Flowers, Light Amber and Amber \$4.80; 60-lb. cans Fireweed Light Amber 8¢; Alfalfa-Sweet Clover, Light Amber 7 1/2¢ per lb. Sales by jobbers to manufacturers, bottlers, bakers and other buyers- IDAHO and WASHINGTON, Alfalfa-Sweet Clover, 60-lb. cans Light Amber 7-7 1/2¢, White 7 1/2-8¢, Darker grades various flavors mostly 6 1/2¢. Brokers sales to jobbers- EASTERN WASHINGTON, Alfalfa-Sweet Clover, 60-lb. cans Light Amber 6 1/2-6 3/4¢, mostly 6 1/2¢.

HAWAII: (October 31) The market is firm, with buyers offering 5-5 1/2¢ per lb. for Extra White and Water White Algaroba, and 4 1/2¢ per lb. for Amber grades of honey, both f.a.s. Honolulu. Eastern buyers and some California firms are offering 24¢ per lb. for Light and lemon-colored beeswax f.a.s. Honolulu, but beekeepers are generally holding for higher prices. Several buyers in the Central States are reported offering 7¢ per lb. for Extra White and Water White Algaroba delivered at destinations.

EXPORTS OF HONEY FROM THE UNITED STATES DURING SEPTEMBER, 1936

QUANTITY, POUNDS

| | |
|-------------------------|---------|
| Belgium | 5,400 |
| Denmark | 3,000 |
| France | 18,900 |
| Germany | 260 |
| Netherlands | 63,363 |
| United Kingdom | 67,583 |
| Canada | 6,734 |
| Nicaragua | 6 |
| Panama | 30 |
| Miquelon and St. Pierre | 15 |
| Netherland West Indies | 288 |
| Ecuador | 111 |
| Peru | 109 |
| British India | 3,654 |
| British Malaya | 203 |
| China | 456 |
| Netherland India | 2,255 |
| French Indo-China | 963 |
| Hong Kong | 653 |
| Japan | 159 |
| Philippine Islands | 1,689 |
| Siam | 153 |
| British East Africa | 24 |
| Morocco | 102 |
| TOTAL SEPTEMBER, 1936 | 176,675 |
| TOTAL SEPTEMBER, 1935 | 202,698 |

TOTAL EXPORTS JANUARY - SEPTEMBER, 1936 - 693,577
TOTAL EXPORTS JANUARY - SEPTEMBER, 1935 - 670,575

IMPORTS OF HONEY INTO THE UNITED STATES DURING SEPTEMBER, 1936

| | <u>QUANTITY, POUNDS</u> |
|-----------------------|-------------------------|
| Greece | 1,058 |
| United Kingdom | 710 |
| Canada | <u>2,673</u> |
| TOTAL SEPTEMBER, 1936 | 4,441 |
| TOTAL SEPTEMBER, 1935 | 1,774 |

TOTAL IMPORTS JANUARY - SEPTEMBER, 1936 - 80,292

TOTAL IMPORTS JANUARY - SEPTEMBER, 1935 - 34,056

SHIPMENTS OF HONEY TO THE UNITED STATES FROM PUERTO RICO AND HAWAII FOR SEPT., 1936

| | <u>QUANTITY, POUNDS</u> |
|-------------|-------------------------|
| Puerto Rico | 243,226 |
| Hawaii | 57,178 |

IMPORTS OF BEESWAX INTO THE UNITED STATES DURING SEPTEMBER, 1936

| | <u>QUANTITY, POUNDS</u> |
|-------------------------|-------------------------|
| Portugal | 85,336 |
| Canada | 30 |
| Mexico | 8,507 |
| Cuba | 35,799 |
| Dominican Republic | 69,787 |
| Haiti, Republic of | 1,964 |
| Brazil | 11,000 |
| Egypt | 6,013 |
| Morocco | 1,782 |
| Other Portuguese Africa | <u>11,023</u> |
| TOTAL SEPTEMBER, 1936 | 231,241 |
| TOTAL SEPTEMBER, 1935 | 250,907 |

TOTAL IMPORTS OF BEESWAX JANUARY - SEPTEMBER, 1936 - 3,183,311

TOTAL IMPORTS OF BEESWAX JANUARY - SEPTEMBER, 1935 - 3,736,746

SHIPMENTS OF BEESWAX TO THE UNITED STATES FROM PUERTO RICO AND HAWAII FOR SEPT., 1936

| | <u>QUANTITY, POUNDS</u> |
|-------------|-------------------------|
| Puerto Rico | 3,403 |
| Hawaii | 3,608 |

A. G. Black,
Chief of Bureau.

MEB

UNITED STATES DEPARTMENT OF AGRICULTURE
Bureau of Agricultural Economics

Telephone - District 6350,
Branch 2176.

Washington, D. C.
December 1, 1936.

SEMI-MONTHLY HONEY REPORT - NO. 445

INFORMATION FROM PRODUCING AREAS (Last half of November)
(Prices generally refer to sales by beekeepers f.o.b. shipping points except as otherwise noted.)

CALIFORNIA POINTS:

Southern California. The weather has been generally clear with temperatures above normal. Precipitation has been light. The drying north winds and warm weather have tended to offset the rain of late October, and though vegetation has started the ground is now dry. Occasional flowers of blue curl, mustard and various weeds are still in bloom, and manzanita has come into bloom 6 to 8 weeks early. This has started bees to rearing brood and many young bees will be carried over if stores are ample. In some yards, however, bees are starving about as badly as in 1934 and are seriously in need of food. Honey has continued in light demand, with rail loadings limited. Beekeepers are offering honey more freely, but the market is reported to be slightly weaker. Sales by beekeepers in ton lots or more, per lb., f.o.b. Southern California delivery points, range as follows: Orange, Extra White 6 1/2¢, White 6 3/8¢; Buckwheat-sage, Extra Light Amber 5 1/4¢, Light Amber 5 1/8-5 1/4¢. Beeswax is slightly weaker, with most recent sales reported at 20-22 1/2¢ per lb. delivered Los Angeles.

Imperial Valley. No inquiries reported from the Coast since the ship strike started, but Eastern buyers have been inquiring about the price of honey though no recent sales have been reported. Very little honey is now available for sale.

Central California. Clear, warm weather has prevailed though nights have been cool in some areas. Heavy fogs were experienced near the Coast. In the San Joaquin Valley good stands are reported of alfilaria, fiddle-neck, spike weed, and other spring weeds, with abnormal growth to date. Though little brood is now being reared there are generally good clusters of young bees, with good supplies of honey and pollen in the hives. Although more rain would be helpful present prospects look encouraging for the early flow of 1937. The market has been quiet with few sales reported. Dealers are finding their sales restricted to local markets. The lack of movement to outside market and a general slowing down of business generally as a result of the dock strike, have resulted in a dull market. Though growers are offering honey more freely, dealers are reluctant to purchase because of the unsettled condition of the market. Prices have held about steady with a slightly weaker tendency for some flavors. Sales by beekeepers in ton lots or more, f.o.b. Central California delivery points- Light Amber Cotton-Alfalfa 5-5 1/4¢; Amber to Light Amber Mixed Wild Flowers 4 1/4-4 3/4¢ per lb.

Northern California. The weather has been fair and unseasonably warm, with cooler nights. Rain is badly needed in the Sacramento Valley where little annual vegetation has yet sprouted. Little frost reported to date. Due to the warm weather bees have been very active, consuming stores heavily as there is nothing upon which they can work. Sales have been few with most dealers holding. Most of the short 1936 crop has been sold. This year's thistle crop generally averaged 40-60 lbs. to the colony. Little demand for honey except locally. A slightly weaker market tone is indicated. Sales by beekeepers in ton lots or more f.o.b. Northern California delivery points- Star Thistle, Extra Light Amber to White 5 1/2-6¢, Light Amber to Extra Light Amber 4 3/4-5 1/4¢ per lb.

The beeswax market has been steady, with good yellow wax bringing 22-22 1/2¢ per lb. at Central and Northern California delivery points.

PACIFIC NORTHWEST:

West of Cascades. The weather has continued dry, which has retarded plant growth. Bees are in good condition but are consuming stores rapidly as the warm days permit much flying. Some broodrearing is going on. Honey continues to sell actively, though many beekeepers are holding for higher prices.

East of Cascades. The weather has been dry in this section also. In the Yakima Valley temperatures have been below normal and with alternating sunny and cloudy days. Bees have been able to fly on several days. A large part of the crop has been sold and prices are about unchanged though there is a slighter weaker feeling to the market. White to Light Amber Sweet Clover-Alfalfa quoted in 60s at 6 1/2-6 2/3¢ per lb., small pails 8¢ per lb. In the Umatilla Valley small pails Mixed Wild Buckwheat and Alfalfa reported sold at 7 2/3¢ per lb., few 60s White Alfalfa 8¢ per lb.

INTERMOUNTAIN REGION:

Stock of honey are everywhere light and many commercial beekeepers are now completely sold out, scarcely reserving enough honey for local customers. Remaining lots of honey are generally in the hands of beekeepers who are holding large lots of White to Water White extracted at 6 1/2¢ per lb. or more. Local demand is good and prices are fully firm with an undercurrent of strength. Recent sales reported, per lb., carlots White to Water White 5 7/8-6 1/2¢, 1 car White 5 1/2¢; ton lots and more, White 5 1/2-6¢, Extra White to Water White 6-6 1/8¢; 60s 6-7¢, few up to 8 1/2¢, small pails 7-8 1/2¢, few 10¢; Light Amber, carlots 5 1/2¢; Extra Light Amber, less carlots 5 1/4-5 3/4¢. Comb honey, very scarce, 12-oz. Choice and No. 1, \$2.75-3.00 per case, occasional sales higher. Beeswax, 18-23¢ according to grade and color. Details by States follow:

Colorado. The weather has recently been milder than normal and bees in the eastern part of the State especially have had frequent opportunities for flying. They are apparently in good condition and are now packed for winter. Although more moisture is wanted, and the southeast is especially dry, there is enough moisture in the ground on the Western Slope to sprout grain.

Wyoming. Previous snowfall has generally melted, and more precipitation is badly needed, especially in the eastern part of the State. Little snow is now reported in the mountains below 9,000 ft. elevation. Both honey plants and bees are said to be in good condition.

Montana. The weather has been sufficiently mild so that bees have flown a good deal and have been consuming stores. High winds have taken out the slight moisture that fell as snow and there is little snow reported on the ground, even in the Rockies. Bees are all packed but are not all in the cellars as yet.

IDAHO. The mild weather has permitted bees to fly frequently and has reduced stores rather low in some yards. Most colonies, however, are heavy with bees. The lack of moisture is lessening next season's prospects. Some small beekeepers are dropping out completely, but a number of commercial producers are reported to be planning on increasing their colonies next year. Sales of colonies in single bodies reported at \$4.50-5.50. Most bees that are to be packed have received protection; some beekeepers are planning to winter in two stores behind the protection of windbreaks.

Utah. Although nights have been cold, the days have been sufficiently warm so that bees have been able to fly frequently almost every day and have been consuming stores rather heavily. However, in most yards they have adequate stores, and excessive swarming has resulted in a young queen in almost every hive. Valleys are reported bare of snow; but Utah appears to have had more precipitation than some of the other Mountain States.

ARIZONA:

Bees are still bringing in a little pollen, but as the surplus flow ended earlier than usual the loss in scale colonies has been more than normal, amounting to over 10 pounds in the Salt River Valley since the end of the flow. The warm weather has also contributed to heavy consumption of stores. Little honey now remains in the hands of beekeepers. Prices, however, have receded slightly from the peak of a few weeks ago, and Light Amber to Extra Light Amber Alfalfa has sold in the Salt River Valley at \$6.20 per case of 120 lbs., with sales of occasional 60s Mixed Flavors 5¢ per lb.

SOUTHWESTERN STATES:

Southcentral and Southwestern Texas. Bees have been able to fly frequently during this period, though there has been practically nothing on which they could work. Reports are still being received of the serious effects of poison on cotton plants though some beekeepers avoided this to some extent by moving their bees several miles away from the fields that were dusted. Bees generally have adequate stores and sufficient worker bees. The abundant fall rainfall has made beekeepers optimistic about the prospects of early nectar flow. Stocks of honey are extremely light. Extracted has been selling in 60s at 4 1/2-6 1/2¢ per lb. according to color and flavor, with chunk running 6-8¢ per lb. for large lots, and up to 10¢ per lb. in small pails.

Northeast Texas. Following a heavy fall flow from aster, bees are generally well supplied with stores and are going into winter quarters with brood combs well filled. Late asters are still yielding some nectar when the weather permits bees to gather it. There is ample moisture in the soil, and horsemint and other annuals have made a good start. At least two-thirds of the crop has now been sold and honey continues to sell fairly well. Few sales reported small pails extracted at 8 1/2-9 1/2¢ per lb.

East Texas. The weather has been cold during much of the period. Though colonies have little brood at present they are generally in good condition except those that were affected by poison. Inquiries for package bees and queens are good, with many orders already being booked. Sales reported, Cotton-Horse-mint, 60s 6 1/2¢ per lb., small pails 6 1/2-9¢ per lb.; bulk comb 1-lb. jars \$1.90 per dozen.

Southeastern Texas. Most colonies have filled up fairly well with winter stores and in some locations are still getting some nectar and pollen from aster and other plants, with hives jammed full of honey. Some patches of brood can still be seen in most hives, and there are generally sufficient young bees to carry the colonies to late January when brooding will start again. Demand for honey has increased considerably, but prices remain unchanged.

SOUTHWESTERN STATES (Continued)

West Texas. The weather has been damp and chilly, improving prospects for next year's nectar flow. Some colonies are short of stores, and winter losses are expected to be heavy if bees are not fed.

PLAINS AREA:

Red River Valley of Minnesota and North Dakota. Although snow has fallen on one or two occasions, little now remains on the ground, and the soil is very deficient in moisture. This makes the conditions of honey plants very uncertain. Temperatures have fluctuated from sufficiently warm so that bees have been able to fly, to cold at the close. Although the crop was much above early expectations sales have been active, with good demand both locally and from outside markets, and little honey now remains in beekeepers' hands. Sales reported of two cars White Sweet Clover at 6¢ per lb.

South Dakota. Bees have flown frequently during this period, but with lack of rain or snow until toward the end of the period the condition of next year's honey plants is precarious. Commercial beekeepers are looking for new locations next year and are inquiring about package bees. Few sales White extracted in small pails reported at 10¢ per lb.

Iowa. Here also, lack of rain or snow have contributed to a weakening of next year's prospects for clover and consequently for a honey crop. Snow is needed to protect the new seedings. Commercial beekeepers are already contemplating/their colonies for next year. Bees have been packed for winter, but unusually high temperatures have enabled them to do some flying. Sales reported White extracted, large lots 6 3/4¢ without cases, 60s 7 1/2¢, small pails 7-9 1/4¢ per lb.

Nebraska. Colonies generally are sufficiently strong and have ample pollen and young bees. As in many cases clover plants failed to survive the dry summer, however, next year's prospects are uncertain. Comb honey is now very scarce and moving at higher prices. Extracted is also moving well but is more plentiful. Large lot sales of Light Amber Sweet Clover and Fall Plants reported at 7¢ per lb.; 1 car White Clover 5¢, cans furnished.

Kansas. Due to mild weather bees have had frequent chances to fly though nights have been cool. Colonies are generally in good shape, but occasionally are light in stores. Little honey available for sale. Sales reported White extracted, large lots 7 3/4¢, small lots 8-10¢ per lb.

Missouri. Following the fine aster flow in October bees generally have plenty of stores, but in the hills, where many weak colonies are reported, much doubling-up is looked for. Bees in the bottom lands are in better shape. Sweet clover is in fair condition and white clover and alsike were badly damaged during last summer's drouth. Few sales reported White Clover, 60s 6 2/3¢ per lb., small pails 9¢; Light Amber, large lot 6¢ per lb. Country run beeswax, 23¢ per lb.

EAST CENTRAL AND NORTH CENTRAL STATES:

Michigan. Bees have now been packed for winter, and because of the recent cold weather have not had an opportunity for flight during this period. Bees that are to be packed in cellars are being set inside. Some beekeepers are placing 4-foot snow fences around their yards as windbreaks, as this proved valuable last winter. Colonies are generally heavy in bees and strong in stores. The irregular nature of the crop is emphasized as reports continue to give differences in yield, ranging from 10 to more than 250 pounds to the colony, with the larger output in the central part of the State. Commercial beekeepers are already placing orders for many package bees. Prevailing stocks of honey are light. Sales reported of White extracted, ^{top lots or} more 6 2/3-7 1/2¢, few 8¢ per lb., including one car at 7¢, and some ^{smaller lots} at 7¢ with cans returned, small pails 9-10¢, Light Amber large lots 6 1/2-7¢, small pails 9¢ per lb. Little comb honey remains and sales have been reported at \$3.00-3.50 per case. Beeswax, 22-23¢ per lb., some 24¢ in trade.

Wisconsin. Where bees have been able to fly recently they have been placed in the cellar, though some are still waiting for final flight. Many of course have been packed outdoors. Clover prospects for next year are doubtful. Movement of honey continues active and in some sections commercial beekeepers have little remaining unsold. Sales reported, ton lots or more, White extracted, mostly 7¢ per lb., occasional sale lower, 60s mostly 8-8 2/3¢, small pails 9-10¢; Dark Goldenrod-Buckwheat 6¢ per lb. Beeswax, wide range 18-24¢ per lb. according to color and method of sale.

Minnesota. Precipitation has been much below normal, and the soil is now deficient in moisture even where snow has fallen and melted. Bees have had a flight during this period. Temperatures have been normal, though the eastern part of the State has been rather cool. A fair demand for honey has continued and honey is moving out rather rapidly, especially comb honey which is scarce. One car White extracted reported sold at 6 1/2¢, some large lots 6 1/2¢ with cans returned, other large lots 7-9¢, small pails 10¢ per lb. No. 1 White comb \$3.00 per case.

EAST CENTRAL AND NORTH CENTRAL STATES: (Continued)

Ohio, Indiana and Illinois. Bees are either packed for winter or are in winter cellars. The larger beekeepers are busy making supplies, anticipating increasing their business next year. Interest in package bees is said to be more than at this time last year. Most fall honey has been extracted and sold to bakers, although Buckwheat honey is being sold separately. Following a heavy demand for honey, little good white honey remains unsold. Sales reported, White extracted, large lots 6.6-8¢ per lb., few small pails 9¢ per lb. Few sales No.1 White comb, \$3.60 per case. Beeswax, mostly 20¢ per lb. in cash, 22¢ per lb. in trade.

NORTHEASTERN STATES:

New York. The weather continues cold but bees had flights in some sections on November 20 and 21. Some beekeepers placed their colonies in the cellar early in the month and others are planning to do so now. Except in those localities where bees stored honeydew, the colonies are in excellent condition. The abundance of late rain resulted in a fine late growth of vegetation, while warm weather into October allowed the nectar bearing plants to harden up for winter, and prospects for next season's honey production are good. Snow covers the ground over much of the State. Demand for honey, both wholesale and retail, has been good to brisk in most sections, and the commercial crop of the State is mostly cleaned up, at prices above those of a year ago. Sales reported, White extracted, 1 car 7¢, ton lots 7-8¢, some low as 6 1/2¢, 60s 9¢; Buckwheat, ton lots 5-7¢, mostly 6 3/4-7¢. Fancy White comb reported sold at \$3.75-4.00 per case; some low as \$3.25; Buckwheat comb \$3.25-3.50 per case.

Pennsylvania. Bees had a partial flight toward the close of the period, and appear in good shape for winter. The local trade is said to be fairly good. Sales reported, Extracted Clover 60s 8-8 1/2¢ per lb. Buckwheat, 7¢ per lb.

New Jersey. Bees are all prepared for winter, with a fair amount of stores and with good clusters of bees. Fall moisture was light but snow has fallen recently.

Connecticut. Light snow has fallen and cold weather has kept the bees in the hives. Local sales are more than usual even though the color of this year's crop is darker than usual.

EASTERN ONTARIO:

The crop of Light honey in 60 lb. cans is cleaning up rapidly, but small pails are said to be fairly plentiful. One car White extracted in 60s reported sold at 7 1/2¢ per lb. with small pails also moving at 7 1/2¢ in wholesale lots.

SOUTH ATLANTIC STATES:

Maryland. Bees are going into winter in good shape, with sufficient young bees and stores. Little or no feeding will be necessary this fall. Honey plants look well for next year. Little honey reported sold.

West Virginia. Bees are now packed in winter cases. Supplies of young bees are generally adequate and winter stores are sufficient. Temperatures were much below normal toward the close, and snow has fallen.

South Carolina. Bees have gone into winter with plenty of stores, - more than usual because the aster and goldenrod flow was mixed with bitterweed and beekeepers realize that this mixture is not marketable, though it does make good stores. Bees should be in good condition next spring.

SOUTHEASTERN STATES:

Georgia. All nectar-bearing plants were killed by recent cold weather. Bees are in winter quarters and in fairly good condition for winter. Beekeepers are busy taking off the final extraction of honey. Market prices have declined slightly recently. Small pails have brought 6¢ per lb. for extracted; 8¢ per lb. for chunk.

Florida. The fall flow, which has been quite light, is about over. The sunflower flow was almost a failure. Bees appear to be in good condition for winter. Sales reported Fancy Tupelo, barrels 7 1/2¢, 60s 8¢, small pails 11 1/2¢ per lb., other extracted, small pails 8¢ per lb.; bulk comb in glass jars 12 1/2¢ per lb.

Alabama. Owing to very dry weather in the Black Belt the aster flow was light. Freezing temperatures have now stopped the flow from all sources. Package bee men are actively booking orders for delivery next Spring, and more bees have so far been sold than had been contracted for at this time last year.

Louisiana. The weather has been cold and frosty, keeping bees in the hives much of the time. Package bee men here also are booking orders actively for 1937 shipment.

HAWAII: (Month of November) Heavy rains during the early part of the month caused various weeds to bloom, giving some nectar and pollen. The market continues inactive, due to prolonged shipping tie-ups. Light Amber Algaroba is quoted at 5¢ per lb., Extra Light Amber 5½¢ per lb., Light beeswax 26¢ per lb., all f.a.s. Honolulu.

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SUMMARY

Cold weather was general at the close except in the Plains and some of the Mountain Region and California, following earlier mild weather. Precipitation during November was scanty, and much of the country is now in need of moisture if remaining honey plants are to go into winter in fair shape. Bees flew rather actively at the start of the period, consuming stores, and it now appears that stores may not be so adequate as was indicated a few weeks ago. Most colonies, however, reared brood late and have a fair amount of young bees with which to go into winter. In the upper portion of the country bees which still remain unpacked are now being placed in cellars.

Stocks of honey in producing areas continue to decline sharply, with much honey being delivered from previous sales, and a number of carlot sales consummated recently. Local demand for honey continues good, due partly to the coming of colder weather and to the scarcity of fruit in much of the north. Commercial beekeepers are already placing orders for packages and queens, and package bee shippers in the Southeast and Southwest have already booked more orders than at this time last year.

A tabulation is being released with this report giving the estimated number of colonies of bees in 1935 for the country as a whole as 4,375,580, or an increase of about 45,000 colonies over the number estimated for 1934. The total 1935 estimated production of 158,721,000 pounds is an increase over 1934 estimates of nearly 5,000,000 pounds. California led all other States in the amount produced, with over 22,000,000 pounds, followed by Ohio with 10,000,000 pounds and Michigan with 9,000,000 pounds. The 1935 average yield for all States was about 36 pounds to the colony.

TELEGRAPHIC REPORTS FROM IMPORTANT MARKETS

Arrivals include receipts during preceding two weeks.

Prices represent sales or current quotations, as secured from the original receivers. Market condition comments represent the opinion of the trade, and are for last of November. Extracted quotations refer to the pound price of honey in 60-lb. cans; comb prices are for 24-section cases; and beeswax prices are on the pound basis, where not otherwise stated.

BOSTON: Arrivals, comb, 12 cases Vt.

COMB: Supplies light. Demand light, market rather dull. Sales to jobbers and retailers - VERMONT, 20-section cases White Clover No. 1, 12-14 oz. mostly 14-oz. \$3.25-3.50, few higher. NEW YORK and VERMONT, 24-section cases White Clover, No. 1, 12-14 oz., few sales \$3.75-4.00, mostly \$4.00, few \$4.25, few ordinary quality lower.

EXTRACTED: Demand fair, market about steady. Sales to wholesalers and confectioners - CALIFORNIA, Extra Light Amber Sage and White Orange, and INTERMOUNTAIN REGION White Sweet Clover, 9½-10¢. NORTH DAKOTA, White Sweet Clover 9½-10¢. Sales to wholesalers and jobbers - NORTH DAKOTA, Sweet Clover, 5-lb. pails \$7.00-7.50 per doz. NEW YORK, White Clover, 2½ lb. cans 35¢, 5-lb. cans 65¢.

CHICAGO: Arrivals, in carlots, 1 car Ariz., 1 car Ida., 1 car Minn., 1 car Nebr.; 1 c.l. 150 lbs. Colo., 205 lbs. Ida., 519 lbs. Ill., 250 lbs. Iowa, 3,370 lbs. Minn., 170 lbs. Utah, 1,743 lbs. Wis.; by truck, 8,000 lbs. Ill., 2,000 lbs. Wis.

COMB: Supplies light. Demand fairly good, market firm. Sales by receivers to retailers - ILLINOIS, MICHIGAN, MINNESOTA and WISCONSIN, cases White Clover, cellophane-wrapped, Fancy \$3.50, No. 1, \$3.25; No. 2 and light weight \$2.75-3.00.

EXTRACTED: Supplies moderate. Demand slow, market barely steady. Sales to bakers and other large users in cases containing 2, 60-lb. cans - ARIZONA, Light to Extra Light Amber Alfalfa very few sales 7 1/8 - 7 1/4¢. ILLINOIS, IOWA, MICHIGAN, MINNESOTA and WISCONSIN, Mixed Clovers, White 7-7½¢, Light Amber 6½-6 3/4¢, few 7¢; Dark Amber Mixed Flowers 6-6½¢. ILLINOIS and WISCONSIN, 5-lb. pails Mixed Clovers, White few sales 50¢.

BEESWAX: Dealers paying 21-23¢ for country run stock delivered Chicago.

CLEVELAND: 6,000 lbs. Minn., 4,200 lbs. Ohio extracted arrived. Supplies moderate. Demand moderate, market steady.

EXTRACTED: MIDWESTERN, White Clover, 1-lb. jars, per dozen; wholesale grocers' sales to retailers - \$1.85-1.95; brokers sales to large chain grocery and drug stores and to wholesalers \$1.60-1.65. Wholesalers' and brokers' sales to bakers - 60-lb. cans few sales, MICHIGAN and OHIO, White Clover 8-9¢; UTAH, White Sweet Clover-Alfalfa 9 1/4¢. Brokers' sales to bottlers and large bakers - MIDWESTERN, White Clover 7½¢.

DENVER: Offerings moderate. Demand moderate, market steady.

EXTRACTED: Sales by wholesalers to jobbers, bottlers and wholesale grocers - INTERMOUNTAIN, White to Water White Sweet Clover-Alfalfa \$4.15-4.25 per 60-lb. can. Sales by wholesale grocers to bakers and confectioners - White 9¢, Light Amber 8¢. Sales to retailers - INTERMOUNTAIN REGION, White to Water White Sweet Clover - Alfalfa, 10-lb. cans \$11.94 per doz., 5-lb. cans \$6.04 per doz.; Light Amber, 10-lb. cans \$10.20 per doz.; 5-lb. cans \$5.04 per doz.

COMB: Offerings light. Sales to retailers - COLORADO, White Sweet Clover - Alfalfa, choice \$3.25-3.45, fancy \$3.50-3.70.

DETROIT: Receipts by truck, extracted 720 lbs. Ill., 600 lbs. Ohio, 23,620 lbs. Mich., 3,150 lbs. Wis.; comb, 50 cases Mich.

EXTRACTED: Supplies liberal. Demand moderate, weaker tendency. Sales by receivers to bottlers, bakers and confectioners - MICHIGAN, White Clover 8 $\frac{1}{2}$ -9¢, mostly around 8 $\frac{1}{2}$ ¢, few higher, Light Amber 8-8 $\frac{1}{2}$ ¢, few higher, some dark low as 7¢. Sales to retailers - 5-lb. pails 45-50¢.

COMB: Offerings light. Demand light, market firm. Sales by receivers to retailers - MICHIGAN, White Clover, cellophane-wrapped No. 1 \$3.50-3.75, best mostly \$3.75, few heavy weight high as \$4.00.

KANSAS CITY: Arrivals past month, comb, approximately 200 cases Minn.; extracted, 1 car Ida., 1,500 lbs. Mo. truck, and 1 car Ariz. unreported in October.

Supplies light. Demand moderate, market steady.

COMB: Sales by wholesalers to retailers - MINNESOTA, White Clover, U.S. No. 1, 11-12-oz. \$3.75-3.85, few \$4.00.

EXTRACTED: Sales by large wholesalers to smaller wholesalers, bottlers and bakers - IDAHO, Sweet Clover, and MISSOURI, White Clover 8-8 $\frac{1}{2}$ ¢, mostly 8 $\frac{1}{2}$ ¢. ARIZONA and IDAHO, Light Amber Alfalfa 7 $\frac{1}{2}$ -8¢.

LOS ANGELES: Demand, at lower prices, rather light.

EXTRACTED: Sales to retailers, bottlers, bakers and confectioners, liquefied basis - CALIFORNIA, Orange, Extra White to Water White 7 - 7 $\frac{3}{4}$ ¢, White 6 $\frac{5}{8}$ ¢ - 7¢; Buckwheat-Sage, Light Amber to Extra Light Amber 5 $\frac{3}{4}$ - 6 $\frac{1}{4}$ ¢; Alfalfa, Light Amber to Extra Light Amber 6 $\frac{1}{2}$ -6 $\frac{3}{4}$ ¢.

BEESWAX: The market was generally weaker with most sales to beekeepers at 20-22¢ delivered Los Angeles.

NEW YORK: 579,945 lbs. Calif., 1,152 lbs. Hawaii and 92 bbls Puerto Rico, 55 cases Greece, 4 cases Poland and 3 bbls Canal Zone arrived. Supplies moderate. Demand fair, market firm.

EXTRACTED: Sales by receivers to jobbers, bakers and manufacturers - CALIFORNIA, White Orange 9-10¢, mostly 9 $\frac{1}{2}$ -10¢; Sage, Extra White 9-9 $\frac{1}{2}$ ¢, few 10¢; Extra Light Amber 8-9¢, Light Amber mostly 8¢; Light Amber Alfalfa 7 $\frac{1}{2}$ -8¢. NEW YORK, White Clover 9-10¢; Buckwheat mostly 9¢, some 8 $\frac{1}{2}$ ¢. INTERMOUNTAIN, White Sweet Clover-Alfalfa 9-10¢. PUERTO RICO, barrels, original 65¢ per gal.; restrained 75-78¢, some high as 80¢ per gal.

COMB: Sales to retailers - NEW YORK, White Clover, fancy mostly \$4.50, No. 1, mostly \$4.00; Buckwheat \$3.50-4.00.

BEESWAX: 615 bags Mexico, 320 bags France, 181 bags Egypt, 89 bags Cuba, 15 bags Puerto Rico, 11 bags England, 4 bags, 3 seroons Dominican Republic arrived. Sales by receivers - WEST INDIES and SOUTH AMERICA, Light 27¢, some 28¢; Medium 26¢, some 27¢, Dark 25-26¢.

PHILADELPHIA:

EXTRACTED: Supplies moderate. Demand fair, market steady. Brokers' sales to jobbers, confectioners and wholesale grocers - ILLINOIS, blended White Sweet Clover and Basswood 60s, 9¢; 3-lb. jars \$4.25-4.50 per doz.; 5-lb. cans \$6.25-6.50 per doz.; 10-lb. cans \$13.00-13.50 per doz.; 1-lb. jars \$1.70-1.75 per doz. Sales by receivers to manufacturers, bakers and confectioners - PENNSYLVANIA, White Clover 8 $\frac{1}{2}$ -9¢, Amber Mixed Flowers 7-7 $\frac{1}{2}$ ¢. CALIFORNIA, 5-lb. cans Light Orange, fine quality \$8.00 per doz.

COMB: Sales by receivers to retailers - PENNSYLVANIA, White Clover, cellophane-wrapped \$4.50-5.00.

BEESWAX: No receipts. Supplies moderate. Demand fair, market steady. Sales by receivers - SOUTHEASTERN, Yellow 28-30¢. AFRICA, Yellow 27 $\frac{1}{2}$ ¢.

PITTSBURGH: Arrivals, by rail and truck, comb, 600 cases Mich., 200 cases New York; extracted, 12,000 lbs. Mich., 21,110 lbs. bottled Midwestern.

COMB: Demand slow, market steady. Jobbers sales to retailers - MICHIGAN and NEW YORK, White Clover, cellophane-wrapped, No. 1, \$4.00-4.25.

EXTRACTED: Supplies moderate. Demand good, market steady. Brokers' sales to jobbers, bakers' supply houses and large bakers - MICHIGAN, White Clover 8 $\frac{1}{4}$ - 8 $\frac{1}{2}$ ¢; Light Amber 7 $\frac{1}{2}$ -7 $\frac{3}{4}$ ¢. MIDWESTERN, blended 1-lb. jars \$1.50-1.55 per doz., 14-oz. jars \$1.40-1.45 per doz. 5-lb. pails mostly \$6.25 per doz.

PORTLAND: Receipts by truck, extracted, 153 cases Idaho, Clover packed in pails and 111, 5-gal cans; 150 cases Idaho comb. Supplies light with very little comb honey available. Demand moderate, market firm.

EXTRACTED: Sales to bakers, confectioners and retail grocers - IDAHO, Sweet Clover-Alfalfa, Extra Light Amber to White, 12, 5-lb. pails \$5.25-5.40, 24, 2½-lb. pails \$5.55-5.60, Extra Light Amber, 6, 9-lb. pails \$4.75-4.85; 48, 16-oz. jars \$6.35; White, 60-lb. cans 8¢ per lb. OREGON, White Clover-Alfalfa, blended 12, 5-lb. pails \$5.85, 12, 48-oz. jars \$4.15-4.20, 12, 24-oz. jars \$2.40, 12, 16-oz. jars \$1.65, 12, 8-oz. jars 95¢-\$1.00; 12, 5-oz. jars 85¢. White Fireweed, 12, 5-lb. pails \$5.70, 12, 24-oz. jars \$2.40-2.50, 12, 16-oz. jars \$1.85, 24, 8-oz. jars \$1.25; 60-lb cans Fireweed White 6½-7¢ per lb; Extra Light Amber 6¢. CALIFORNIA, White Orange 60-lb. cans 10¢; Mixed blends Amber to Light Amber 7½-8¢; White Orange, 12, 16-oz. jars \$1.80.

COMB: Sales to retail grocers - OREGON, cases White Sweet Clover-Alfalfa, Fancy 12-oz. \$3.50-3.75, 10-oz. \$3.30-3.50. IDAHO, White Sweet Clover, half cases 12-oz. \$1.90.

ST. LOUIS: Receipts light. Demand moderate, market steady.

EXTRACTED: Brokers and jobbers sales to bakers and candy makers - UTAH and CALIFORNIA, Sweet Clover-Alfalfa, White 8 3/4 - 9¢. CALIFORNIA, Sweet Clover, Light Amber 7-7½¢. ILLINOIS and INDIANA, White Clover, Water White 8½¢. ILLINOIS and IOWA, Light Amber Mixed Flowers 7¢. Sales by commission merchants to retailers - SOUTHERN ILLINOIS, Light Amber Mixed Flowers 12-14 oz. jars \$1.80-1.90 per doz.

COMB: Sales by commission merchants to retailers - OHIO and INDIANA, Clover, Fancy cellophane-wrapped \$3.00-3.25, Light Amber \$2.85-3.00, Dark Amber \$2.75.

SEATTLE: Honey receipts via truck, 50 cases Wash., 600 cases Ida. extracted. Exports none.

COMB: Supplies very light. Demand moderate, market steady. Sales by wholesalers to retail grocers and other buyers - IDAHO, Alfalfa-Sweet Clover, cases Fancy 12-oz. \$3.80-3.90; Choice 11-12 oz. \$3.50-3.75. WASHINGTON, Alfalfa-Sweet Clover, Fancy 12-oz. \$3.75; Choice 11-oz. \$3.40-3.50.

EXTRACTED: Supplies liberal. Demand light, market steady. Sales by wholesalers to retail grocers and other buyers - IDAHO - WASHINGTON, Alfalfa-Sweet Clover, Light Amber, 12, 5-lb. tins \$4.90-5.00; 24, 2½-lb. tins \$5.25; 24, 16-oz. jars \$3.65-3.75; 60-lb. cans 7½-7¾¢ per lb. WASHINGTON, Fireweed, 12, 5-lb. tins White \$5.85-5.90; Light Amber \$5.25-5.50; 60-lb. cans Fireweed 8¢ per lb. Sales by jobbers to manufacturers, bottlers, bakers and other buyers - IDAHO-WASHINGTON, Alfalfa-Sweet Clover, White 7½-8¢, Light Amber 7-7½¢; Amber 6½¢. Brokers' sales to jobbers - EASTERN WASHINGTON and IDAHO, Alfalfa-Sweet Clover, Light Amber mostly 6½¢.

SAN FRANCISCO: Receipts at San Francisco and Oakland, via motor truck from Central California, 25 cases Cottor-Alfalfa; 56 cases Mixed Wild Flowers. From Northern California: 18 cases Thistle; 21 cases Mixed Flowers. Beeswax receipts for the period, 1400 pounds.

Trading very light, with strike conditions retarding movement through retail outlets. There was some movement to bakers and manufacturers in preparation for Christmas trade.

EXTRACTED: Sales in bulk by wholesale receivers to bottlers, bakers, confectioners, manufacturers, liquefied basis, per lb., California, Star Thistle, Light Amber to Extra Light Amber 6½-7¢, Extra Light Amber to White 7-7¼¢; Alfalfa-Cotton, Light Amber to Extra Light Amber 6¼-6½¢; Mixed Wild Flowers, Amber to Light Amber 5½-5 3/4¢.

BEESWAX: Market steady, with good yellow wax bringing 22 - 22½¢ per lb. f.o.b. Central California and Northern California delivery points.

HONEY IN SYRIA

From Easton T. Kelsey, Vice Consul, Beirut, Syria,
October 24, 1936

Use of Honey

Honey is used almost entirely as a table dish, either strained or in the comb. A few decades ago it was extensively employed in cooking but has been replaced by sugar, due to the cheaper cost of the latter. It is also used in some Syrian medicines.

Bees and Hives Used

The bee found here is the *Apis mellifera* (synonym: *Apis mellifica*). In the Lebanon, hives are of wood, wicker, or pottery, depending on the region and the custom of the village. The more progressive farmers use wooden hives which do not differ greatly from those of Europe and the United States. In the interior, cylindrical mud hives about six feet long and 14 to 20 inches in diameter are the most commonly used type.

Nectar Producing Flora.

No special flowering plants are grown with a view to honey production but bees find nectar where they can. In the coastal regions, bees are often kept in the vicinity of orange and lemon groves. In the interior, nectar is gathered from various fruit trees and flowers, wild and cultivated. In the winter some growers put pieces of sugar and dishes of syrup near their hives, but the honey produced in this season is said to be inferior.

Foreign Trade in Honey.

The Syrian foreign trade in honey is shown in the following table:

Imports

| Country of Origin | 1931 | | 1932 | | 1933 | | 1934 | | 1935 | |
|-------------------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|
| | Kilos | Syr. Pds. | Kilos | Syr. Pds. | Kilos | Syr. Pds. | Kilos | Syr. Pds. | Kilos | Syr. Pds. |
| France | 41 | 32 | 106 | 75 | 42 | 40 | - | - | 80 | 91 |
| England | 28 | 11 | 19 | 18 | 24 | 14 | 120 | 40 | 110 | 19 |
| Cyprus | 25 | 7 | 300 | 46 | - | - | - | - | 23 | 5 |
| Iraq | - | - | 36 | 7 | - | - | 52 | 15 | 94 | 20 |
| Nejd & Hedjaz | 30 | 11 | - | - | 70 | 6 | - | - | - | - |
| Palestine | 584 | 223 | 1101 | 315 | 1897 | 483 | 818 | 247 | 618 | 138 |
| Transjordan | - | - | 24 | 10 | - | - | - | - | - | - |
| Turkey | 4674 | 732 | 2577 | 405 | 2039 | 308 | 1829 | 264 | 240 | 48 |
| U.S.A. | - | - | - | - | 49 | 31 | - | - | 9538 | 1090 |
| Greece | - | - | - | - | 298 | 42 | 1460 | 227 | 1082 | 283 |
| Italy | - | - | - | - | - | - | 516 | 90 | - | - |
| Other Countries | 280 | 52 | 1954 | 220 | 1699 | 220 | 4 | 8 | 110 | 33 |
| Totals | 5662 | 1068 | 5117 | 1097 | 6118 | 1144 | 4799 | 891 | 11895 | 1727 |

(1 Syrian pound equals 20 French francs)

Exports

| Country of Destination | 1931 | | 1932 | | 1933 | | 1934 | | 1935 | |
|------------------------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|
| | Kilos | Syr. Pds. | Kilos | Syr. Pds. | Kilos | Syr. Pds. | Kilos | Syr. Pds. | Kilos | Syr. Pds. |
| France | 62 | 17 | 10 | 4 | - | - | - | - | - | - |
| England | - | - | 49 | 18 | - | - | - | - | - | - |
| Egypt | 465 | 152 | 314 | 60 | 67 | 19 | 113 | 28 | 100 | 12 |
| U.S.A. | 10 | 4 | - | - | 20 | 5 | 288 | 47 | 245 | 47 |
| Italy | 1000 | 265 | - | - | - | - | - | - | - | - |
| Iraq | 1010 | 250 | - | - | - | - | - | - | - | - |
| Palestine | 277 | 77 | 337 | 79 | 1242 | 229 | 4124 | 674 | 6159 | 918 |
| Holland | 1525 | 473 | - | - | - | - | - | - | - | - |
| Transjordan | 238 | 52 | 106 | 28 | 99 | 27 | 1741 | 270 | 145 | 34 |
| Other Countries | - | - | 15 | 3 | - | - | 25 | 5 | 300 | 100 |
| Totals | 4587 | 1290 | 831 | 192 | 1428 | 280 | 6291 | 1024 | 6949 | 1111 |

The small quantity shipped to the United States is reported to be sold by Syrian grocers there. No special flavor has been requested by Syrians in the United States. Although no official statistics in regard to production exist, local dealers estimate the production of the Lebanese Republic at approximately 20 metric tons per year and that of the Syrian Republic at about 100 metric tons, of which North Syria produces 60 metric tons and South Syria the balance. Honey imported into Syria is assessed duty at the rate of 25% ad valorem on the c.i.f. Beirut price.

Slight Use in Cooking

Sugar, due to its cheapness, has almost entirely displaced honey as an ingredient of cooked food. Diluted honey is still frequently used, however, in place of milk in cooking rice pudding. After cooking, cinnamon and nut meats are usually sprinkled on top, making a very sweet but palatable pudding.

Uses of Beeswax

The principal use of beeswax locally is in waxing shoemaker's thread. In rural districts it is also applied to the inside of metal containers to prevent rust and as stoppers of tins containing olive oil and butter when they are to be shipped.

Possible Development of Beekeeping With the large extension of the area under fruit trees, especially citrus fruits, during the last fifteen years a considerable increase in beekeeping might be expected. Except in the case of a few individuals who have installed apiaries along modern lines, however, there has been no notable progress in either the quality or quantity of production. Neither the Lebanese or Syrian government, through its Department of Agriculture, has taken any measure to encourage beekeeping or to assist those engaged in this activity to improve their product. Beekeeping remains in general a peasant occupation quite untouched by modern methods.

A.G. Black,
Chief of Bureau

UNITED STATES DEPARTMENT OF AGRICULTURE
Bureau of Agricultural Economics

Telephone- District 6350,
Branch 2176.

Washington, D. C.
December 15, 1936.

SEMI-MONTHLY HONEY REPORT - NO. 446

INFORMATION FROM PRODUCING AREAS (First half of December)
(Prices generally refer to sales by beekeepers f.o.b. shipping points except as otherwise noted.)

CALIFORNIA POINTS:

Southern California. The weather has been generally clear with very little precipitation, and temperatures normal or slightly below. A light flow from eucalyptus and mustard is on, with some off-bloom orange, but broodrearing is at a minimum except in manzanita sections along the southern coast where brood is reported on four to five combs in many colonies. Due to the early rainfall plant growth is several weeks earlier than normal and filaree is large enough to bloom when temperature conditions are favorable. The desert winds have aided in lessening the soil moisture in San Diego County. The condition of bees is irregular, with many colonies in only fair condition and some about ready to starve if not fed. Sales of honey have been light, though only small amounts still remain in the hands of the beekeepers. The seasonal light trading in honey at this time of the year, coupled with the ship strike, has sharply curtailed shipments out of the State, though because of light stocks prices are nominally steady. Sales by beekeepers in ton lots or more, per lb., f.o.b. Southern California points, range as follows: Orange, Water White 6 7/8-7¢, few higher, Extra White 6 1/2-6 3/4¢, White 6 3/8-6 1/2¢; Buckwheat-Sage, Extra Light Amber 5 1/4-5 1/2¢, Light Amber 5 1/8-5 1/2¢, small pails 7 2/5¢; Light Amber Mixed Flowers 5¢. The market on beeswax has held generally steady, with light to moderate trading at 20-23¢ per lb. delivered Los Angeles.

Imperial Valley. A little nectar was secured from peas, and though frost on December 7 killed many of the pea blooms, a little nectar is still coming in from wild asparagus. Bees are in good condition in colonies that were not too badly damaged by spray poison. The ship strike has made the market quiet, but a few sales of Light Amber to Extra Light Amber Alfalfa have been reported at \$6.30-6.35 per case of 120 lbs., f.o.b. shipping point. Yellow beeswax, 23¢ per lb. delivered Los Angeles.

Central California. Continued lack of rainfall is beginning to seriously affect plant growth over a portion of the area, and heavy frosts have also retarded weed growth. Bees are working lightly on eucalyptus, though the development of eucalyptus buds has been retarded by the heavy frosts. The market has continued very quiet, with outlets confined almost entirely to the local trade. With lack of interest on the part of dealers, and honey offered more freely by beekeepers, a slightly weaker tendency is reported on darker grades of honey. Sales by beekeepers in ton lots or more, f.o.b. central California delivery points: Light Amber Cotton-Alfalfa and other Flowers 5-5 1/2¢; Amber to Light Amber Mixed Flowers 4 1/2-4 3/4¢ per lb.

Northern California. Nights have been cool with some frosts. The lack of rainfall is becoming serious, and manzanita buds are drying up for lack of moisture. Annual plants are not coming on, and all plants are badly in need of rain. Limited trading has been reported due partly to strike conditions. Darker grades of honey are slightly lower but the lighter grades are holding steady. Sales by beekeepers in ton lots or more, f.o.b. Northern California delivery points: Star Thistle, White 5 3/4-6 1/4¢, some 6 1/2¢; Light Amber to Extra Light Amber 5-5 1/4¢ per lb.

The beeswax market has been steady with good yellow wax bringing mostly 22¢ and occasionally 22 1/2-23¢ per lb., f.o.b. Northern and Central California points.

PACIFIC NORTHWEST:

West of Cascades. Following the driest fall in many years abundant rains have fallen on several occasions. However, vetch prospects are poor and fall-sown crops have made little growth. Bees have had many flight days. As stores are neither abundant nor of high quality, especially in western Washington, substantial winter losses are considered possible. Bees, however, are reported to be in excellent condition at present. The market has been quiet but is holding firm. Sales reported, White Fireweed small pails 9 1/2¢, 60s 10¢; Light Amber, 60s 7¢, small pails 8 1/2¢ per lb. Extra Light Amber Mixed Fireweed 6¢ per lb. f.o.b. shipping point; Light Amber Alfalfa-Sweet Clover 5 1/2¢ delivered Portland.

East of Cascades. Dry weather during the fall has resulted in little growth of next year's honey plants in non-irrigated areas. Snow is reported, however, from both the Yakima and Umatilla Valleys. Bees have been generally quiet, with only occasional flight weather. White Alfalfa in large lots is nominally 6¢ per lb., with few small lot sales. Light Amber to White reported, 60s 8¢, small pails 8 1/4¢ per lb.

INTERMOUNTAIN REGION:

Demand for honey has fallen off somewhat, but carlot and truck lot shipments continue to reduce the small remaining stocks of extracted honey. Increasing numbers of beekeepers report that stocks in their communities are completely exhausted except that some are retaining enough honey for local customers. Prices generally range from 1/2 to 1¢ per lb. above prices prevailing at this time last year. Carlot sales of White to Water White Sweet Clover-Alfalfa have recently been made at 6-6 1/2¢ per lb., ton lots White to Water White 5 1/2-6¢, some Water White 6 1/8¢ and ^{some} White, uncased 5 1/4¢; 60s 6-6 1/2¢, few up to 8 1/2¢, small pails 7 1/4-8¢, few up to 10¢ per lb.; Extra Light Amber, ton lots, 5 1/4-5 1/2¢ per lb.; 1 car White to Extra Light Amber 5.4¢ per lb.; Light Amber, 1 car 5¢ per lb. Stocks of comb honey are now almost completely exhausted. Beeswax, wide range 18-22¢ per lb. Details by States follow:

Colorado. Following weather which has been sufficiently mild so that bees could fly freely and consume more stores than average it has turned colder and snow has fallen over much of the Western Slope. Although it is still dry, especially in eastern Colorado, there appears to be more moisture in the soil than for the last two years at this time. Bees have just been put in cellars.

Wyoming. Bees have all been packed or put in cellars. Snow has fallen on several occasions in the western part of the State.

Montana. High winds and occasional cold days have confined bees to the hives. Light to heavy snowfall over much of the State stopped the soil blowing, except that the heavy winds continue to cause erosion over part of the central-western section of the State. Bees were placed in cellars early in the month.

Idaho. The weather has been rather mild and bees have had light flights. The good stores and abundance of young bees with mild weather so far, assure good wintering unless unusually severe weather is experienced later. Rather general precipitation, much of it in the form of snow, has aided the extremely dry soil. Bees are now all packed or otherwise taken care of for winter. Scale colonies show loss of 16 pounds since the close of the honey flow.

Utah. Little snow covers the State as the period draws to a close except in the extreme northern portion. Most colonies are reported in good condition.

Nevada. Rainfall has been far below normal over the entire State and heavy storms are needed soon to provide adequate moisture. Temperatures have been normal to below.

ARIZONA:

Severe frosts have been reported, and rainfall, which did not reach the extreme southern portion of the State. The open winter, permitting bees to fly out nearly every day, caused them to use up more stores than usual and feeding has been necessary in some yards. Sales reported Light Amber to Extra Light Amber Alfalfa, Salt River Valley, \$6.20 per case of 120 pounds, 1 car Extra Light Amber Mesquite 5 1/4¢ per lb.; small lots Light Amber Mesquite and Catsclaw 5¢ per lb., Dark Mesquite 4 5/8¢ per lb.

SOUTHWESTERN STATES:

Southcentral and Southwestern Texas. Due to the abundant rainfall bees have not been flying much during the past two weeks, but they appear to be in good shape though stores are short in some sections, requiring feeding if bees are to survive. Horsemint and other plants are in good condition for next year. Sales reported extracted 60s 6-7¢, small pails 8¢; bulk comb small pails 9-10¢ lb. Crude country run beeswax, 20-22¢ per lb.

Central Texas. Bees are in excellent shape and are supplied with honey from late live oak. Cold, rainy weather is keeping beekeepers from extracting. Honey plants appear to be in exceptionally fine shape for next year. Sales reported Amber Mixed Flowers, carlot 5¢, ton lot 5 1/2¢, 60s 6¢, small pails 6 1/2¢ per lb.; White bulk comb granulated 7¢. Yellow beeswax 20¢, off-grade down to 15¢ per lb.

East Texas. With plenty of rain and no severe weather horsemint plants are showing up well and bees are in very good condition. Many orders are being booked for package bees. Horsemint and sweet clover appear more plentiful than usual. Sales reported Cotton-Horsemint, 60s 6 1/2¢, few 7 1/2-8¢ per lb., small pails 6 1/2-8 1/2¢, few 9 1/2¢; bulk comb, small pails 9-10 1/2¢; 1-lb. glass jars \$1.90 per dozen. Very little bulk comb left unsold.

Southeast Texas. Bees have plenty of stores and young bees. On bright days they are still getting considerable pollen and a little nectar from late asters and wolf weed. Some colonies have small patches of brood, but most queens have stopped laying. Honey is selling to retailers in 1-lb. bottles at \$1.80 per dozen for extracted, \$2.00 per dozen for comb; small pails, extracted 8-9¢ per lb., bulk comb 9-10¢.

Rio Grande Valley. Citrus groves are in good average condition. It is rather dry for winter honey plants which came up in the fall but are not now growing. Sales reported extracted Light Amber Orange, 60s 9¢, small pails 11¢; Light Amber Mixed Flavors, ton lot 5¢, 60s 5-6¢, small pails 7 1/2¢; bulk comb Orange 15-20¢ per lb. in glass jars; Light Amber blend small pails 8-9¢; glass jars 15¢ per lb. Beeswax, 17 1/2-20¢ for yellow, 15¢ for dark.

PLAINS AREA:

Red River Valley of Minnesota and North Dakota. The weather continues quite cold and the ground is covered with about 10 inches of snow. Bees went into winter quarters with plenty of young bees and fairly heavy in stores except in a few places where the honey flow tapered off early. Sub-soil moisture is lacking and prospects for next season are not encouraging. Honey is moving fairly well, but with more remaining unsold than in some other producing areas. Comb honey, however, is very scarce. Sales reported of several carlots White Sweet Clover at 6¢ per lb., ton lots 6-7¢, 60s 7 1/2¢, small pails 9¢ per lb.

South Dakota. Bees in cellars are in fine shape and keeping quiet because of the cold weather. It was necessary to feed many bees packed outdoors. The condition of nectar-bearing plants for next year is poor. Because of the drought, dust storms have been frequent but snow has fallen in the eastern part of the State. Due to the unfavorable conditions of the last few years many beekeepers have gone out of business in this State. Honey is moving slowly.

Iowa. Snow has fallen over much of the State, amounting to six inches in some sections, and with the temperature dropping below zero. Bees went into the cellars in good shape. The drought situation was especially severe in the western part of the State and many beekeepers in that territory are already planning to move next season to sections where prospects are better. On the other hand, other experienced beekeepers intend to wait and see what conditions are next spring. Bulk honey has been moving slowly but honey in small cans and in bottles has had an exceptional sale. Few sales reported of White extracted in small pails at 7 1/2-8¢, few up to 9 1/2¢ per lb. Light-colored beeswax, 20¢ per lb.

Nebraska. Cold weather with below-zero temperatures have been reported, and with up to five inches of snow in the eastern part of the State, but moisture badly needed in the western section. Beekeepers are generally not optimistic about sweet clover prospects for next year, because of the effect of the drought on sweet clover seedings. Heavier feeding was necessary than anticipated. Few beekeepers now have more than enough honey to take care of their regular customers. Few sales reported 60s or more extracted White Sweet Clover 7¢ per lb., small pails 10¢.

Kansas. Since the substantial rainfall on December 5 normal cold weather has prevailed, with temperatures near freezing or below. A little snow fell early in the month and the surface soil is now in good condition over much of the State. Local supplies of honey are very light and some beekeepers are buying at a distance to take care of local customers. Sales reported White Sweet Clover 60s or more 7-8¢ per lb., few up to 10¢, small pails 10¢ per lb.

EAST CENTRAL AND NORTH CENTRAL STATES:

Michigan. The ground is well covered with snow except in the extreme southern portion of the State, and amounts to 10 inches in Northern Michigan. Bees outside have not been able to fly for six weeks, and those in cellars are quiet. Honey is not selling as actively as previously in the fall. The market is irregular, with some beekeepers holding for higher prices while others are selling at slightly lower prices in order to move their remaining stocks. Sales reported, White extracted, large lots 6 1/2-7 1/2¢, 1 car 5 1/2¢ per lb., 60s 8¢, small pails 9-10 1/2¢ per lb.; Light Amber, large lots 7¢ per lb. with cans returned; Mixed Amber ton lots 6¢ per lb. No. 1 White comb \$3.00 per case. Beeswax, 24¢ per lb. for No. 1 capping wax.

Wisconsin. Bees packed out doors appear to be wintering well, but with sharply sub-zero temperatures beekeepers that were waiting for bees to have a final flight before placing them in cellars have finally put them away. The ground is covered with snow, which will be beneficial to clover plants. Supplies of honey in the hands of commercial beekeepers are light and in some sections prices have strengthened as the result of buying by beekeepers from others for local distribution. Stores are light in many hives. Sales by beekeepers reported, White extracted, ton lots 7-7 3/4¢, 60s 8¢, small pails 9-11¢ per lb.; Light Amber, ton lots 7¢, 60s 8¢, small pails 9 1/2¢ per lb. No. 1 White comb, \$3.15-4.00 per case; No. 2, \$2.50 per case; Fancy \$4.35 per case. Beeswax, wide range 20-25¢ per lb.

Minnesota. Sub-zero weather reported for several days, with some snow over practically all the State, but the soil is very deficient in moisture. Active retail demand reported, but inquiries for large lots are not as numerous as earlier in the fall. However, few commercial beekeepers have much honey remaining. Comb honey is especially scarce. Few sales reported White extracted, 1 car 6.2¢ per lb., small lots 7 1/4-10¢ lb.; Fancy White comb \$4.00 per case.

Ohio, Indiana and Illinois. Commercial beekeepers generally have their bees put away in good shape for winter, and many of them packed more carefully than usual, recalling the heavy losses of recent winters. Cold weather has kept bees from flying. Rain has fallen and some snow, but at the close of the period little snow remains except in extreme upper Illinois. In cases where bees are wintering on aster honey which was not well ripened before cold weather beekeepers are considering the possibility of substantial winter loss if the winter is severe. In some sections bees have not been able to fly for three weeks or more. The soil is still in need of more moisture if next year's honey crop is to come up to normal. A fair demand continues for honey, and

EAST CENTRAL AND NORTH CENTRAL STATES: (CONTINUED)

Ohio, Indiana and Illinois (cont'd) inquiry even in sections where commercial beekeepers are practically cleaned out. Sales reported White extracted ton lots 7-8¢ per lb., 60s 7 1/2-8¢, small pails 7 1/2-9¢ per lb.; large lots Light Amber 5.7-7¢ per lb. Comb honey has moved at the wide range of \$2.40-3.60 per case. Beeswax, mostly 20¢ per lb. cash, 22¢ in trade, with yellow wax up to 25¢ per lb., and very dark wax low as 15¢ per lb.

NORTHEASTERN STATES:

New York. Temperatures have been below normal, reaching far below zero on several occasions. Most bees have been put in cellars, where they are quiet, though a few beekeepers are still waiting until their bees have a final flight. Many colonies have not been able to fly since early November. Snow has fallen, and some still remains on the ground in upper New York at the close of the period. Aided by the scarcity of fruit, demand for honey has been good, especially for comb honey, of which little remains. White honey is in better demand than the darker grades. Sales reported, White Clover ton lot 8¢, 60s 9¢ per lb.; Buckwheat, ton lots 6-6 3/4¢, 60s 8¢ per lb.; Goldenrod, ton lot, 7¢ per lb.; Amber Mixed ton lots 6¢ per lb., Large lot Thyme 6¢ per lb.

Pennsylvania. Bees are all packed or placed in cellars. Colonies have plenty of young bees, and more honey than usual owing to the late honey flow. A very heavy flow is reported from wild aster, goldenrod, and silverrod in the northern part of the State. White clover yielded the heaviest crop in years but the buckwheat crop was spotted. Honey plants are in good condition for next year following the abundant rainfall. Bees are in fairly good condition except that some are weak from late swarming. Sales reported, extracted White Clover, 60s 8-9¢, small pails 10 1/2-11¢ per lb. Buckwheat, 60s 8-9¢, small pails 8 1/2¢ per lb. Comb honey, Clover No. 1, \$3.25-3.60 per case according to weight, Fancy \$4.00; Buckwheat, No. 1 \$3.25-3.50 according to weight, Fancy \$4.00 per case, Dark beeswax, 22¢ per lb.

New Jersey. Exceptionally cold weather is reported for this season of the year and bees have been confined to the hives for a month, which is unusual at this period. Some colonies are in need of a flight. Ton lot sale Mixed Flowers 7 1/2¢ per lb.

Connecticut. Following very heavy rains honey plants are in excellent condition. Although the color of this year's crop is dark due to a mixture of oak honey dew with the sumac honey, this short crop is selling well.

SOUTH ATLANTIC STATES:

Maryland. The weather has been cool and bees have been confined to the hives. Rainfall has been sufficient so that honey plants look well for next year.

West Virginia. The weather has been mild but bees have not been able to fly because of frequent rains. Winter stores are sufficient and bees are coming along in good shape.

North Carolina. Precipitation this fall has been sufficient so that local plants are in good condition for next season. Bees are wintering well with sufficient stores. Sales reported, White Clover comb, No. 1, cellophane-wrapped \$3.50 per case, No. 2, \$2.40-3.00 per case.

South Carolina. Rainy weather has kept bees in the hives much of the time. Retail sales have been good and perhaps 80 percent of the crop has now been disposed of, chiefly directly to the consumers.

SOUTHEASTERN STATES:

Georgia. Colonies run for package bees are in fair condition. Many package bee shippers have already sold 50 percent of their output for the spring of 1937. Due to the great increase in demand for packages, it is anticipated that there will be fewer colonies run for honey next season. All spring honey has been sold and most of the small crop of fall honey. Small buyers are active and the local demand is still good. Price ranges are rather wide, however. Dark-colored, mild-flavored honey is selling in small pails at 6-7¢ per lb., lighter colored 7-8¢, some up to 10¢ per lb. Sales of honey in barrels reported at 6-7 1/2¢ per lb. for the lighter grades, 5 1/2¢ per lb. for Amber. Beeswax, 18-20¢ per lb.

Florida. The fall flow is over and the output is lighter than anticipated. Bees appear to be in good condition for winter. Sales of small pails reported at 6¢ per lb., glass jars 8¢ per lb.

Alabama. Bees have gone into winter quarters in fairly good shape. In most yards they are heavy in stores and have a good cluster of young bees, but in some sections the dry, hot weather of the fall caused bees to consume unusual amounts of stores and feeding will be necessary. There have been no days so far when it was too cool for bees to fly in the southern part of the State. Package bee men are booking orders heavily for 1937 shipment and already are suggesting the desirability of early booking to avoid disappointment. Orders for queens have also been heavy. Sales reported large lot extracted at 6 1/2¢ per lb. Beeswax, 22¢ per lb.

SOUTHEASTERN STATES (CONTINUED)

Mississippi. Bees generally have a fair supply of winter stores though some will need considerable feeding in the spring. The stocks of bees in the hives are average or above. Honey plant prospects for 1937 appear to be up to normal since good rains have fallen recently. Orders for package bees and queens are ahead of those of previous years. Little honey remains unsold. Beeswax is selling at 22¢ per lb.

Louisiana. Bees went into winter in good condition and with adequate stores, except where they were short as a result of a light goldenrod flow which may necessitate feeding in the early spring. Colonies still have some brood in the hives and pollen is gathered from ornamental plants when weather permits bees to fly. Pollen may be available from maple the first of the year. Broodrearing continued so late that an abundance of bees should be available for packages in the spring, and fair inquiries for packages and queens are already coming in. The weather has recently been cool and rainy. Sale reported of large lot Dark Amber Vervain in barrels at 4 1/2¢ per lb.

HAWAII:

The market has remained inactive, due primarily to continued maritime difficulties. A few local sales of White to Light Amber Algaroba reported at 5-5 1/4¢ per lb.

SUMMARY

Temperatures have ranged widely during this period, with killing frosts reported even in the Imperial Valley, and with little weather warm enough for bees to fly except in the Southern States and on the West Coast. Precipitation was rather heavy in parts of the East and the Far West but much more is needed soon in the Plains Area and in the Mountain States if next year's crop is to be normal. The warm fall which permitted bees to fly frequently, resulted in heavier consumption of stores than anticipated and commercial beekeepers did considerable feeding before packing their colonies for winter. All colonies that are to be packed for winter have now been taken care of except that a few beekeepers in the Northern States are waiting for a final flight before putting them away in cellar.

The closeness to the holiday season has lessened the demand for honey in some sections, but generally demand, especially for small lots, continues good and the market, though irregular, is generally holding firm except for those beekeepers who still have "distress" honey. The purchase by beekeepers to take care of local orders has, however, strengthened the market in some areas. While it is now believed that commercial beekeepers are not quite as completely sold out as appeared a few weeks ago, stocks of honey for the country as a whole are no doubt at the lowest level on record for this season of the year. Orders for package bees and queens continue to roll in to queen breeders and package bee men in the South, and many are already booked for half of their next year's anticipated output. Some shippers are already suggesting the desirability of early orders of package bees to prevent disappointment in the spring.

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TELEGRAPHIC REPORTS FROM IMPORTANT MARKETS

Arrivals include receipts during preceding two weeks.

Prices represent sales or current quotations, as secured from the original receivers. Market condition comments represent the opinion of the trade, and are for the middle of December. Extracted quotations refer to the pound price of honey in 60-lb. cans; comb prices are for 24-section cases; and beeswax prices are on the pound basis, where not otherwise stated.

BOSTON: 10 cases N.Y. extracted arrived.

COMB: Supplies light. Demand light, market dull. Sales to jobbers and retailers- VERMONT, 20-section cases White Clover No. 1, 12-14-oz. mostly 14-oz. \$3.25-3.50, few higher. NEW YORK and VERMONT, 24-section cases White Clover, No. 1, 12 to 14-oz. few sales \$3.75-4.00, few \$4.25, few ordinary quality lower.

EXTRACTED: Demand light, market about steady. Sales to wholesalers and confectioners - CALIFORNIA, Extra Light Amber Sage and White Orange, and INTER-MOUNTAIN REGION, White Sweet Clover 9 1/2-10¢. NORTH DAKOTA, White Sweet Clover 9 1/2 - 10¢. PUERTO RICO, Amber, cases and barrels, mostly 7 3/4¢. Sales to wholesalers and jobbers - NORTH DAKOTA, Sweet Clover, 5-lb. pails \$2.00-7.50 per doz.

CHICAGO: Arrivals, carlots, 1 car Minn., 1 car Nebr.; 1 c.l. 150 lbs. Colo., 685 lbs. Minn., 140 lbs. Utah, 1,470 lbs. Wis., 135 lbs. Wyo.; by truck, 6,180 lbs. Ill., 5,640 lbs. Wis.

COMB: Supplies light. Demand slow, market slightly weaker. Sales by receivers to retailers - ILLINOIS, MINNESOTA and WISCONSIN, cases White Clover, wrapped No. 1 \$3.00-3.25; light weight \$2.75.

EXTRACTED: Supplies moderate. Demand light, market about steady. Sales to bakers and other large users in cases containing 2, 60-lb. cans - ARIZONA, Alfalfa, Light Amber to Extra Light Amber, few sales 7 1/8 - 7 1/4¢. MINNESOTA, White Clover 7 1/4-7 1/2¢. ILLINOIS, MINNESOTA and WISCONSIN, Mixed Clovers, White 7 - 7 1/2¢, few higher, Light Amber mostly 6 1/2¢, few higher; Dark Amber Mixed Flowers mostly 6¢. Idaho, White Clover 5-lb. pails \$5.50-5.75 per doz. ILLINOIS and WISCONSIN, Mixed Clovers, White 5-lb. pails 45-50¢ per pail.

BEESWAX: Dealers paying 20 1/2-23¢ for country run stock delivered Chicago.

CLEVELAND: 750 lbs. Ohio extracted arrived. Supplies moderate. Demand slow, market dull.

EXTRACTED: MIDWESTERN, White Clover, 1-lb. jars, per dozen; wholesale grocers' sales to retailers - \$1.85-1.95; bottlers' and brokers' sales to large chain grocery and drug stores and to wholesalers \$1.60-1.65. Wholesalers' and brokers' sales to bakers - 60-lb. cans few sales, MICHIGAN and Ohio, White Clover 8-9¢; UTAH, White Sweet Clover-Alfalfa 9 1/4¢. Brokers' sales to bottlers and large bakers - MIDWESTERN, White Clover 7 1/2¢.

DENVER: Receipts of extracted moderate, of comb light; market about steady.

EXTRACTED:

Sales by wholesalers to jobbers, bottlers and wholesale grocers - INTERMOUNTAIN, White to Water White Alfalfa and White Sweet Clover \$4.15 - \$4.25 per 60-lb. can. Sales by wholesale grocers to bakers and confectioners - White 9¢, Light Amber 8¢. Sales by wholesale grocers and commission houses to retailers - INTERMOUNTAIN, White to Water White Alfalfa - Sweet Clover, 10-lb. cans \$11.94 per doz., 5-lb. cans \$6.04 per doz.; Light Amber, 5-lb. cans \$5.00-5.15 per doz.; glass quart jars, \$3.50-3.75 per doz.; pints \$2.25 per doz.

COMB: Offerings light. Sales to retailers - COLORADO, White Sweet Clover - Alfalfa, choice \$3.25-3.45, fancy \$3.50-3.70. Sales by wholesalers to jobbers and wholesale grocers - COLORADO White Sweet Clover-Alfalfa, fancy \$2.90-\$3.10, choice \$2.60-2.90.

BEESWAX: Dealers paying 19-20¢ in trade for domestic crude wax.

DETROIT: Truck receipts, extracted, 12,260 lbs. Mich.; 2,700 lbs. Wis.; comb, 40 cases Mich.

EXTRACTED: Supplies liberal. Demand slow, market slightly weaker. Sales by receivers to bottlers, bakers and confectioners - MICHIGAN, White Clover 8-8 1/2¢, few higher, mostly around 8 1/2¢; Light Amber 7 1/2-8¢. Sales to retailers - 5-lb. pails 45-47 1/2¢, very few high as 50¢.

COMB: Offerings light. Demand light, market steady. Sales to retailers MICHIGAN, White Clover cellophane-wrapped, No. 1, \$3.50-3.75, mostly \$3.75; No. 2 Dark Mixed Flowers few \$2.75.

KANSAS CITY:

COMB: Approximately 100 cases Mo. arrived. Supplies light. Demand slow, market about steady. Sales by wholesalers to retailers - MISSOURI, White Clover U.S. No. 1, 12-oz. and heavier \$4.00. MINNESOTA, White Clover U.S. No. 1, 12-14 oz. \$3.80-4.00; 11-oz. \$3.60-3.75; unclassified 9-10 oz. \$3.15-3.40; Mixed Flowers Light Amber 10-oz. and heavier \$3.25-3.50.

EXTRACTED: 1 car Colo. arrived. Supplies moderate. Demand moderate, market about steady. Sales by large wholesalers to smaller wholesalers, bottlers and bakers - IDAHO and COLORADO, White Sweet Clover 8-9¢, mostly 8 1/2¢. ARIZONA and IDAHO, Light Amber Alfalfa 7 1/2-8¢.

LOS ANGELES: Demand light at generally unchanged prices.

EXTRACTED: Sales to retailers, bottlers, bakers and confectioners - liquefied basis - CALIFORNIA, Orange, Extra White to Water White 7¢ - 7 3/4¢, White 6 5/8 - 7¢; Buckwheat-Sage, Light Amber to Extra Light Amber 5 3/4 - 6 1/4¢. Alfalfa, Light Amber to Extra Light Amber 6 1/4-6 1/2¢.

BEESWAX: Trading light to moderate. Market generally held steady with most beekeepers receiving 20-22¢ delivered Los Angeles.

NEW YORK: 58 bbls. Puerto Rico, 36 cases Greece, 1 case Holland and 1 case Chile arrived. Supplies moderate. Demand fair, market firm.

EXTRACTED: Sales by receivers to jobbers, bakers and manufacturers - CALIFORNIA, White Orange 9-10¢, mostly 9 1/2-10¢; Sage, Extra White 9-9 1/2¢, few 10¢, Extra Light Amber 8-9¢, Light Amber mostly 8¢; Light Amber Alfalfa 7 1/2-8¢.

NEW YORK, White Clover 9-10¢; Buckwheat 8 1/2-9¢, mostly 9¢. INTERMOUNTAIN REGION, White Sweet Clover-Alfalfa 9-10¢. PUERTO RICO, barrels, Original 65-66¢ per gal re-strained 75-80¢ per gal.

COMB: Sales to retailers - NEW YORK, White Clover, Fancy mostly \$4.50; No. 1 mostly \$4.00; Buckwheat, \$3.50-4.00.

BEESWAX: 568 bags Brazil, 256 bags Portugal, 77 bags Chile, 58 bags Egypt, 57 bags Cuba, 46 bags Mexico, 29 bags Dominican Republic, 24 bags Puerto Rico, 15 bags Spain arrived. Sales by receivers - WEST INDIES and SOUTH AMERICA Light mostly 28¢, Medium mostly 27¢, Dark mostly 26¢.

PHILADELPHIA: 47,430 lbs. Iowa extracted arrived.

EXTRACTED: Supplies moderate. Demand moderate, market about steady.

Brokers' sales to jobbers, confectioners and wholesale grocers- ILLINOIS, blended Sweet Clover and Basswood 60s, 9¢; 3-lb. jars \$4.25-4.50 per doz.; 5-lb. jars \$6.25-6.50 per doz.; 10-lb. cans \$13.00-13.50 per doz.; 1-lb. jars \$1.70-1.75 per doz. Sales by receivers to manufacturers, bakers and grocers- PENNSYLVANIA, White Clover 8 1/2-9¢; Amber Mixed Flowers 7-7 1/2¢. CALIFORNIA, 5-lb. cans Light Orange, fine quality \$7.50-8.00 per dozen. IOWA, White Clover, 12, 5-lb. jars \$6.00; 12, 2-lb. jars \$2.75; 24, 1-lb. jars \$2.95.

COMB: Sales by receivers to retailers- PENNSYLVANIA, White Clover, cellophane-wrapped \$4.50-5.00.

BEESWAX: No receipts. Supplies light. Demand moderate, market about steady. Sales by receivers- AFRICA, Yellow 25 1/2-27 1/2¢.

PITTSBURGH: Arrivals: by rail and truck 400 cases Mich. comb, 200 cases N.Y. comb; extracted, 14,000 lbs. Mich., 14,270 lbs. bottled Midwestern.

COMB: Demand very slow, market about steady. Jobbers sales to retailers- MICHIGAN and NEW YORK, White Clover, cellophane-wrapped, No. 1, mostly \$4.00-4.25, some low as \$3.75.

EXTRACTED: Supplies moderate. Demand moderate, market steady. Brokers' sales to jobbers, bakers' supply houses and large bakers- MICHIGAN, White Clover 8 1/4-8 1/2¢, Light Amber 7 1/2-8¢. MIDWESTERN, blended 1-lb. jars \$1.50-1.60 per doz., 14-oz. jars \$1.40-1.50 per doz., 5-lb. pails \$6.00-6.25 per doz., 60-lb. cans 9¢ per lb.

PORTLAND: Receipts by truck, extracted 356 cases packed honey and 6 tons from Ida., 1 ton from Oreg. Supplies light. Demand light, market firm.

EXTRACTED: Sales to bakers, confectioners and retail grocers- IDAHO, Sweet Clover-Alfalfa, mostly White, 12, 5-lb. pails \$5.15-5.25; 24, 2 1/2-lb. pails \$5.50-5.55; 6, 9-lb. pails \$4.95; 24, 16-oz. jars \$3.50-3.60; 5-gal. cans 8¢ per lb. OREGON, Alfalfa-Clover, 12, 5-lb. pails \$5.85; 12, 48-oz. jars \$4.20; 12, 24-oz. jars \$2.25-2.40; 12, 16-oz. jars \$1.65-1.80; 12, 8-oz. jars 95¢; 12, 5-oz. jars 85-90¢; Fireweed, 5-gal. cans White 8¢, Water White 10¢. CALIFORNIA, Orange Blossom 5-gal. cans 9¢; 12, 16-oz. jars \$1.80.

COMB: No supplies on hand.

BEESWAX: Dealers paying 22¢ per lb.

ST. LOUIS: Receipts light. Demand moderate, market steady.

EXTRACTED: Brokers' and jobbers' sales to bakers and candy makers- UTAH and CALIFORNIA, Sweet Clover and Alfalfa, White 8 3/4-9¢. CALIFORNIA, Light Amber Sweet Clover 7-7 1/2¢. ILLINOIS and INDIANA, White Clover, Water White 8 1/2¢. ILLINOIS and IOWA, Light Amber Mixed Flowers 7¢.

COMB: Sales by commission merchants to retailers- OHIO and INDIANA, Clover, Fancy cellophane-wrapped \$3.00-3.25, Light Amber \$2.85-3.00, Dark Amber \$2.75 per case. SOUTHERN ILLINOIS, Light Amber Mixed Flowers 12-14-oz. jars 15¢ each.

SAN FRANCISCO: Receipts of honey at San Francisco and Oakland since the last report, via motor truck from Central California, 268 cases Alfalfa-Cotton, 35 cases Mixed Flowers. From Northern California, 150 cases Thistle. From Intermountain states, none reported. Beeswax receipts for the period, 1,100 lbs.

Trading continued slow with strike conditions interfering with normal movement. Consumer demand also affected by continued fair weather and by temperatures higher than normal for this season. Buying for Christmas trade lighter than normal. Prices practically unchanged from last report.

EXTRACTED: Sales in bulk by wholesale receivers to bottlers, bakers, confectioners, manufacturers, liquefied basis - CALIFORNIA, Star Thistle, Light Amber to Extra Light Amber 6 1/2-7¢, some 7 1/2¢, Extra Light Amber to White 7-7 1/4¢; Alfalfa-Cotton, Light Amber to Extra Light Amber 6 1/4-6 1/2¢; Mixed Wild Flowers, Amber to Light Amber 5 1/4 - 5 3/4¢.

BEESWAX: Market steady, with good yellow wax bringing mostly 22¢, with occasional 22 1/2¢ per lb. f.o.b. Central California and Northern California delivery points.

SEATTLE: Receipts via truck- 571 cases Ida., 80 cases Wash. extracted; 15 cases comb Wash. Exports, none.

COMB: Supplies very light. Demand moderate, market steady. Sales by wholesalers to retail grocers and other buyers- IDAHO and WASHINGTON, Sweet Clover-Alfalfa, Fancy 12-oz. \$3.75-3.90, Choice 11-12-oz. \$3.50-3.65.

EXTRACTED: Supplies moderate. Demand light, market steady. Sales by wholesalers to retail grocers and other buyers- IDAHO and WASHINGTON, Alfalfa-Sweet Clover, Light Amber 12, 5-lb. tins \$4.90-5.00; 24, 2 1/2-lb. tins \$5.15-5.25; 24, 16-oz. jars \$3.65-3.75; 60-lb. cans 7 1/4-7 1/2¢ per lb. WASHINGTON, Fireweed, 12, 5-lb. tins White \$5.75-5.90; Light Amber \$5.25-5.50; 60-lb. cans 8-8 1/2¢ per lb. Sales by jobbers to manufacturers, bottlers, bakers and other buyers- IDAHO and Washington, Alfalfa-Sweet Clover, 60-lb. pails White 7 3/4-8¢ per lb., Light Amber 7 1/4-7 1/2¢, Amber 6 1/2-6 3/4¢.

EXPORTS OF HONEY FROM THE UNITED STATES DURING OCTOBER, 1936

Quantity, Pounds

| | |
|-------------------------------|---------|
| Azores and Madeira Islands | 7 |
| Belgium | 9,045 |
| Denmark | 3,000 |
| France | 18,000 |
| Netherlands | 62,797 |
| Norway | 11,160 |
| Switzerland | 240 |
| United Kingdom | 166,730 |
| Canada | 3,580 |
| Nicaragua | 46 |
| Mexico | 11 |
| Newfoundland and Labrador | 120 |
| Bermuda | 42 |
| Other British West Indies | 24 |
| Netherland West Indies | 425 |
| Uruguay | 39 |
| Saudi Arabia | 144 |
| British India | 2,517 |
| British Malaya | 1,018 |
| Ceylon | 24 |
| China | 136 |
| Netherland India | 2,693 |
| French Indo-China | 1,456 |
| Hong Kong | 928 |
| Japan | 362 |
| Kwantung | 120 |
| Philippine Islands | 1,104 |
| Siam | 48 |
| Other Asia | 336 |
| Australia | 74 |
| Morocco | 324 |
| TOTAL OCTOBER, 1936 - - - - - | 286,350 |
| TOTAL OCTOBER, 1935 - - - - - | 448,930 |

TOTAL EXPORTS JANUARY - OCTOBER, 1936 - - - - 984,927

TOTAL EXPORTS JANUARY - OCTOBER, 1935 - - - - 1,119,505

IMPORTS OF HONEY INTO THE UNITED STATES DURING OCTOBER, 1936

Quantity, Pounds

| | |
|---|--------|
| Greece | 3,988 |
| Hungary | 490 |
| United Kingdom | 208 |
| Canada | 1,671 |
| Cuba | 6,271 |
| Syria | 55 |
| TOTAL OCTOBER, 1936 | 12,683 |
| Total OCTOBER, 1935 | 5,449 |
| TOTAL IMPORTS JANUARY - OCTOBER, 1936 - - - - - | 92,975 |
| TOTAL IMPORTS JANUARY - OCTOBER, 1935 - - - - - | 39,505 |

SHIPMENTS OF HONEY TO THE UNITED STATES FROM PUERTO RICO & HAWAII FOR OCTOBER, 1936

Quantity, Pounds

| | |
|-------------|---------|
| Puerto Rico | 200,947 |
| Hawaii | 175,546 |

IMPORTS OF BEESWAX INTO THE UNITED STATES DURING OCTOBER, 1936

Quantity, Pounds

Quantity, Pounds

| | | | |
|----------------|--------|----------------------|---------|
| Germany | 1,370 | Dominican Republic | 39,005 |
| Portugal | 71,902 | Haiti, Republic of | 871 |
| United Kingdom | 2,207 | Brazil | 117,263 |
| Mexico | 27,068 | Egypt | 78,955 |
| Cuba | 25,745 | TOTAL, OCTOBER, 1936 | 364,386 |
| | | TOTAL, OCTOBER, 1935 | 152,006 |

TOTAL IMPORTS JANUARY - OCTOBER, 1936 - - - - 3,547,697

TOTAL IMPORTS JANUARY - OCTOBER, 1935 - - - - 3,888,752

SHIPMENTS OF BEESWAX TO THE UNITED STATES FROM PUERTO RICO AND HAWAII, OCT. 1936

Quantity, Pounds

| | |
|-------------|-------|
| Puerto Rico | 3,392 |
| Hawaii | 1,500 |

